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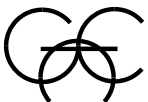
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# Site Investigation Report & Remedial Action Plan

**The Couture  
909 East Michigan Street  
Milwaukee, Wisconsin**

**Prepared for:**

**The Couture LLC  
Milwaukee, Wisconsin**

**October 11, 2017  
Project No. 1E-1704005**

**WDNR BRRTS No. 02-41-579105  
DNR FID No. 341286220**



**GILES**  
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# GILES

ENGINEERING ASSOCIATES, INC.

GEOTECHNICAL, ENVIRONMENTAL & CONSTRUCTION MATERIALS CONSULTANTS

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- Manassas, VA
- Milwaukee, WI

October 11, 2017

Wisconsin Department of Natural Resources  
300 North Martin Luther King Jr. Drive  
Milwaukee, WI 53212

Attention: Ms. Nancy Ryan  
Hydrogeologist

Subject: Site Investigation Report & Remedial Action Plan  
The *Couture* Development  
909 East Michigan Street  
Milwaukee, Wisconsin  
Project No. 1E-1704005  
WDNR BRRTS No. 02-41-579105  
WDNR FID No. 341286220

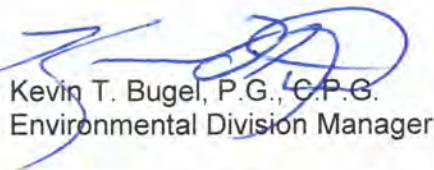
Dear Ms. Ryan:

In accordance with Wis. Adm. Codes NR 716 and NR 724, Giles Engineering Associates, Inc. (Giles) has completed a Site Investigation Report & Remedial Action Plan for The *Couture* Development located at 909 East Michigan Street in the City of Milwaukee, Milwaukee County, Wisconsin ("Site").

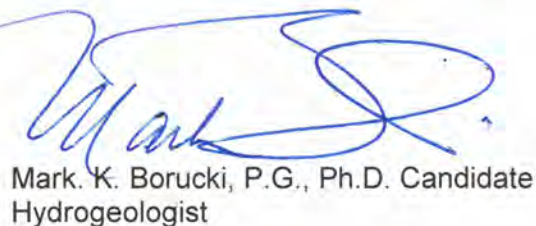
Please contact the undersigned should you have any question about the attached document or the Site in general.

Very truly yours,

GILES ENGINEERING ASSOCIATES, INC.



Kevin T. Bugel, P.G., C.P.G.  
Environmental Division Manager



Mark K. Borucki, P.G., Ph.D. Candidate  
Hydrogeologist

Distribution: The Wisconsin Department of Natural Resources  
Attn: Nancy Ryan (1 via USPS, 1 via email: [Ryan.Nancy@wisconsin.gov](mailto:Ryan.Nancy@wisconsin.gov))  
Barrett Lo Visionary Development LLC  
Attn: Mr. Joel Aizen (1 via email: [jaizen@barrettlo.com](mailto:jaizen@barrettlo.com))

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THE COUTURE DEVELOPMENT  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN  
PROJECT NO. 1E-1704005

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SITE INVESTIGATION REPORT & REMEDIAL ACTION PLAN  
THE COUTURE DEVELOPMENT  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN  
PROJECT NO. 1E-1704005

**EXECUTIVE SUMMARY**

Giles Engineering Associates, Inc. (Giles), as a representative of The Couture, LLC, (The Couture) has completed a Site Investigation (SI) in general accordance with Wisconsin Administrative Code (WAC), Chapter Natural Resources 716 (Ch. NR 716) for the property ("Site") located at 909 East Michigan Avenue, Milwaukee County, Milwaukee, Wisconsin. Preliminary due diligence activities associated with the purchase and redevelopment of the Site were performed by Giles during November and December 2016 and documented in the report *Limited Phase II Environmental Site Assessment* (Project Number 1E-1704004) dated January 13, 2017. Giles performed a Limited Phase II Environmental Site Assessment (ESA) and Geotechnical Exploration and analysis for the Site which identified that it was underlain by 4 to 18 feet of contaminated fill material.

The Wisconsin Department of Natural Resources (WDNR) was provided notification of the contaminated fill condition on March 7, 2017. In response, the WDNR issued a letter to The Couture identifying the entity as the "Responsible Party" (RP) for the contamination identified at the Site.

Giles has prepared this report to document the SI activities performed during the period of June through August 2017 and to present the conceptual Site remedial action plan. The SI field work was conducted in accordance with the Giles Site Investigation Work Plan (SIWP) dated May 15, 2017. The SIWP received verbal concurrence on May 24, 2017, and written approval from the WDNR on July 18, 2017.

Giles utilized direct-push soil sampling techniques during the SI to obtain soil samples and evaluate the extent and magnitude of impacted fill material identified in the SI. A total of 60 additional soil borings were completed during the SI conducted during the period of June through August 2017. The Site is underlain by urban fill consisting of brown fine to medium silty sand with varying amounts of clay and gravel and trace wood fragments with isolated areas of foundry material and/or incinerated waste consisting of black fine to medium sand and cinders. The fill materials ranged from approximately 4 to 18 feet below ground surface (bgs) that generally increased in thickness from west to east.

Review of the SI soil laboratory data has shown that volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), and the metals arsenic, lead, selenium, and mercury are present in the fill materials at concentrations which exceed the WDNRs residual contaminant levels (RCLs) for direct contact and/or for groundwater protection. The VOC data collected during the investigation has shown one inferred petroleum-impacted spill area in the soil in the northwest portion of the Site and three smaller "hotspot" areas associated with petroleum-impacted soil elsewhere on Site. An area of soil impacted with trichloroethylene (TCE) is present in the east-central region of the Site with an isolated TCE hotspot in the west-central region of the Site.



## EXECUTIVE SUMMARY (continued)

PAH compounds and metals in the soil appear to be an area-wide condition. The PAHs and select RCRA metals are present in the fill overlying the native material of the Site and do not appear to be the result of a single spill event filling with impacted soils. Prior studies have demonstrated that the PAH and metals-impacted material are not readily leachable and therefore, do not likely pose a threat to groundwater.

No VOC or PAH compounds were detected in the native soil underlying the fill body at concentrations exceeding their respective residual contaminant levels (RCLs) for direct contact or groundwater protection. In review of the analytical results for RCRA metals, arsenic was reported to exceed its RCL for groundwater protection because of the depths that the samples were collected (greater than 4 feet). However, none of the detected arsenic concentrations from the native soil were reported to exceed the background threshold value for arsenic. Lead, mercury and/or selenium were detected but at levels below their respective RCLs for direct contact and groundwater protection.

The groundwater measurements collected from the eight Ch. NR 141 variance wells installed during the Limited Phase II ESA (November 2016) indicated the depth to groundwater ranged from 10.3 to 15.6 feet below the existing grade. The groundwater sample data collected during the Limited Phase II ESA indicated that the groundwater has shown relatively low level VOCs, PAHs, and select metals were present in the groundwater beneath the Site. The reported concentrations of select constituents were generally between the WAC, Ch. NR 140 enforcement standards (ES) and preventive action limits (PALs), or beneath their PALs. In their letter dated, July 18, 2017, the WDNR waived the requirement to perform additional groundwater investigative activities based on the lack of significant impacts to groundwater collected during the Phase II investigation, and the proposed extensive removal of soil/fill above and below the water table.



## 1. INTRODUCTION

Giles Engineering Associates, Inc. (Giles) has completed a Site Investigation (SI) on behalf of The Couture LLC, and Barrett Lo Visionary Development, the developer for the property ("Site") located at 909 East Michigan Street, in the City of Milwaukee, Milwaukee County, Wisconsin (Figure 1). In October 2016, the Site property was purchased by The Couture LLC for the planned redevelopment by Barrett Lo Visionary Development as "The Couture", a 44-story hi-rise luxury apartment building.

The notification of a release was reported to the Wisconsin Department of Natural Resources (WDNR) on March 7, 2017, subsequent to the completion of Phase I and Phase II Environmental Site Assessment (ESA) activities in November through December 2016. Subsequently, the WDNR issued a "responsible party" ("RP") letter to The Couture on March 20, 2017.

The SI tasks were performed to supplement earlier investigative tasks outlined in the document: *Limited Phase II Environmental Site Assessment* (Project Number 1E-1704004) dated January 13, 2017. The SI was performed in general accordance with Giles Site Investigation Work Plan (SIWP) submitted on May 24, 2017, and in general accordance the requirements of Wisconsin Administrative Code (WAC), Chapter Natural Resources (NR) 716. The WDNR provided verbal concurrence for the SIWP scope on May 24, 2017, and written concurrence on July 18, 2017. Giles field personnel conducted the SI subsurface exploration activities and sampling from June through August, 2017.

## 2. CONTACT INFORMATION

### 2.1. Responsible Party Information

The Couture LLC c/o  
Barrett Lo Visionary Development  
260 East Highland Ave, Suite 401  
Milwaukee, WI 53233  
Attention: Mr. Joel Aizen (Chief Financial Officer)  
(414) 324-4115

### 2.2. Consultant Information

Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road, Suite A-1  
Waukesha, WI 53186  
Attn: Kevin Bugel, P.G., C.P.G.  
(262) 544-0118





### 3. SCOPE OF SERVICES

The following SI scope of services was performed including:

- Prepared a SI work plan to evaluate the extent of soil and groundwater impact at the Site in general accordance with NR 716.
- Coordinated the Site field activities including client communication, and utility location calls.
- Observed and documented the completion of 60 soil borings using direct-push soil sampling techniques.
- Performed in-field screening of the soil samples collected for the presence of organic vapor utilizing a photoionization detector (PID) equipped with a 10.6 electron-volt (eV) lamp calibrated to a benzene-equivalent isobutylene standard gas.
- Provided soil classifications for each 2-foot interval collected during sampling activities.
- Collected soil samples for laboratory analysis. 173 select soil samples from the direct-push borings of the Limited Phase II ESA and SI to an analytical laboratory for the chemical analysis of volatile organic compounds (VOCs) by EPA Method 8260B. Of the 173 samples collected and analyzed for VOCs, 107 of the samples were analyzed for polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270, and 60 were analyzed for the select RCRA metals (arsenic, lead, selenium, and mercury) by U.S. EPA methods 6010 and 7471.
- Evaluated the soil chemical analysis, and the subsurface conditions encountered.
- Prepared Site Investigation Report (SIR) and Remedial Action Plan in general accordance with WAC Ch. NR 716 which includes, boring logs, well development forms, well construction forms, the soil, data collected and analyses performed, and Giles conclusions and recommendations.

### 4. SITE DESCRIPTION

#### 4.1. Location and Setting

The Site is located in the NE  $\frac{1}{4}$ , of the SE  $\frac{1}{4}$ , of Section 28, Township 6 North, Range 21 East in reference to the U.S. Public Land Survey, City of Milwaukee (Incorporated). The Site is located at the (former) address of 909 East Michigan Street in the City of Milwaukee, Milwaukee County, Wisconsin. The general location of the Site is illustrated on Figure 1.



The Site is located in an area of mixed commercial and residential use with East Michigan Street abutting to the north, Lake Drive abutting to the east, and East Clybourn Street abutting to the south. Based on the review of an ALTA Survey prepared for the property dated August 10, 2016, the Site appears to grade downward to the south, with an elevation change of approximately 5 feet across the Site.

#### **4.2. Current Property Use and History**

The Site consists of approximately 2.12-acres of land and is currently undeveloped and vacant. The Site was formerly occupied by the Milwaukee County Transit Center (MCTC) and bus marshalling garage structure from 1990 through December 2016. The Transit Center and garage structure were razed during the period of November 2016 through January 2017 in preparation for the *Couture* Development; however, the concrete slab from the former transit center structure and bus marshalling garage remains intact.

The Site was originally developed in the 1870's by the Chicago and Northwestern (C&NW) Railroad as a freight house adjacent to the C&NW Lakefront Depot (Depot). Several rail-lines extended to the north and south from the C&NW depot that supported passenger and freight transport since the mid-1800s. The Depot was used through May 1966. That same year, the Depot and the freight house structures were razed and the lakefront railroad tracks in the area were removed.

The Site was utilized for paved parking from the mid to late-1960s. Milwaukee County began construction for the MCTC on the Site in 1989, and operated as a government transit center and bus marshalling garage until November 2016.

### **5. PREVIOUS STUDIES**

Due diligence activities associated with the purchase and redevelopment of the Site were performed during November and December 2016. The activities included a Phase I environmental site assessment (ESA), a limited Phase II ESA, and a geotechnical investigation, analysis, and engineering study.

Through performance of the geotechnical investigation and limited Phase II ESA, it was discovered that the Site was covered by 8.5 to 9 inches of concrete underlain by a granular sub-slab fill of variable thickness (0-3 inches). The pavement and granular fill, is underlain by urban fill consisting of brown fine to medium sand with varying amounts of clay and gravel and trace wood fragments with isolated areas of suspected foundry material and/or incinerated waste consisting of black fine to medium sand and cinders. The fill materials ranged from approximately 4 to 18 feet below ground surface (bgs) that generally increased in thickness from west to east and is believed to be contiguous across the Site.



Volatile organic compounds (VOCs), polycyclic aromatic hydrocarbon (PAH) compounds, and Resource Conservation and Recovery Act (RCRA) metals were identified in the fill material underlying the Site. Some of the shallow fill soil (0 to 4 feet bgs) was found to have contaminant concentrations that exceeded their respective WDNR Ch. NR 720 residual contaminant levels (RCLs) for direct contact and/or groundwater contamination risk.

The contaminants detected in the groundwater during the Limited Phase II ESA included low-level VOCs, PAH compounds, and RCRA metals. The *de minimis* groundwater impact was identified generally at concentrations below Wisconsin Ch. NR 140 preventative action limits.

## 6. METHODS AND PROCEDURES

The SI tasks were performed to gather data to supplement the data set reported in Giles' Limited Phase II ESA. Specifically, the SI is designed to achieve three objectives:

1. To define the limits of soil contamination laterally and vertically;
2. To define the known VOC-impacted fill which will require disposal at a licensed special waste landfill; and,
3. To collect samples throughout the Site to provide a sufficient sample set to petition the WDNR for off-Site disposal of the non-VOC-impacted soil at an alternative fill site (other than a landfill) in the accordance with the requirements of Ch. NR 718, and the requirements for a Low Hazard Exemption (LHE).

To accomplish the aforementioned objectives, a total of 60 additional borings were completed to complement the original 16 borings advanced during the Limited Phase II ESA. Thirty-five (35) soil borings designated with an A, B, and C suffix were placed around existing borings which displayed contamination above the RCL for groundwater protection. Twenty-five additional borings were advanced to generate data necessary to delimit the extent of detected contamination during the SI.

Eight Ch. NR 141 variance wells were installed during the Limited Phase II ESA (November 2016). Copies of the Monitoring Well Construction and Development Forms (Form 4400-113A-B) are included in Appendix C.

The groundwater sample data collected from the eight Ch. NR 141-variance wells installed during the Limited Phase II ESA (November 2016) has shown relatively low-level VOCs, PAHs, and select metals were present in the groundwater beneath the Site. The reported concentrations of select constituents were generally between the WAC, Ch. NR 140 enforcement standards (ES) and preventive action limits (PALs), or beneath their PALs. In their letter dated, July 18, 2017, the WDNR, based on the lack of significant impacts to



groundwater collected during the Phase II investigation, and the proposed extensive removal of soil/fill above and below the water table, would not require additional groundwater monitoring. The WDNR also indicated that the wells could be abandoned at that time. Therefore, copies of the Well/Borehole Abandonment Forms (Form 3300-05) are included in Appendix B.

### **6.1. Soil Investigation Methods**

Direct-push soil sampling techniques were used to obtain soil samples which were then submitted for laboratory analysis to evaluate the extent and magnitude of impacted soil at the Site. Soil samples were obtained continuously for each boring using a 1.25-inch inside-diameter (ID), 4-foot long macro-core sampling barrel. Soil samples were collected from each 2-foot interval for classification and field screening. The soil boring locations are illustrated on Figure 2.

Soil sampling equipment decontamination procedures were performed between sampling intervals and between each boring to limit cross-contamination. Soil samples were classified in the field in general accordance with the Unified Soil Classification System (USCS) *ASTM D-2488-75*. The soil classifications for each boring were documented on the WDNR soil boring log Form 4400-122 and are included in Appendix A. The boring elevations provided on the attached Form 4400-122 for the Ch. NR 141 variance wells were determined using conventional surveying techniques and reference to a temporary benchmark referencing the City of Milwaukee elevation.

Upon completion of soil sample collection activities each open borehole was abandoned with bentonite chips in accordance with NR 112 and NR 141. Copies of the WDNR Well/Drillhole/Borehole Abandonment Forms (WDNR Form 3300-5) are included in Appendix B.

### **6.2. Groundwater Investigation Methods**

Eight Ch. NR 141 variance wells installed during the Limited Phase II ESA (November 2016). Copies of the Monitoring Well Construction and development Forms (Form 4400-113A-B) are included in Appendix C for review and filing as they were not provided with the Limited Phase II ESA.

In their SIWP approval letter dated July 18, 2017, the WDNR waived the requirement to perform additional groundwater investigative activities based on the lack of significant impacts to groundwater collected during the Phase II investigation, and the proposed extensive removal of soil/fill above and below the water table. The WDNR also indicated that the Wells maybe abandoned at this Time. Therefore, copies of the Well/Borehole Abandonment Forms (Form 3300-05) are included in Appendix B.



### **6.3. Soil Vapor Investigation Methods**

The Couture development will also incorporate a parking structure that will extend two stories below the existing grade over the entire footprint of the Site. Interlocking driven sheeting will be installed as a first step to cut-off lateral groundwater infiltration and potential off-site vapors. The construction of the sub-surface parking structure will result in the removal of approximately 25 feet of material across the Site, including the entire extent of contaminated fill material. Therefore, the planned removal of all of the fill material on Site spurred a discussion between the WDNR and Giles on May 24, 2017, to determine whether a soil vapor intrusion investigation was necessary. The WDNR concluded that in the planned construction activities resulted in the removal of potential soil vapor intrusion sources/contaminated fill, the soil vapor intrusion requirements could be waived and omitted from the SIWP.

### **6.4. Soil Field Screening and Soil Sample Collection**

Soil headspace field screening was performed on soil samples collected from each boring to provide an in-field assessment of the potential presence of volatile organic vapors at discrete depth intervals. When organic vapors are detected, this information may be used to make adjustments in the field pertinent to vertical or horizontal vapor profiling. In addition, this information may be used to assist in the selection of appropriate samples for laboratory analysis.

Soil samples collected from each two-foot interval were split into two replicate sample portions placed into containers; one sample portion was field screened, and the second portion was placed in a cooler. Headspace field screening was completed using a PID equipped with a 10.6 electron volt (eV) bulb, and calibrated with a benzene-equivalent, isobutylene standard gas. The field screening sample containers were partially filled with soil, agitated, and allowed to warm to approximately 70°F prior to the headspace field screening. The PID tip was inserted into the headspace of the container and the maximum reading was recorded.

For the VOC soil sample analysis, approximately 10 grams of soil and 10 milliliters (mL) of methanol preservative were placed into a laboratory-provided 40 mL sampling container and sealed with a Teflon™-lined lid. For PAH and metals analysis, a laboratory-supplied 4-ounce glass container was filled with soil and sealed with a Teflon™-lined lid.

A total of 173 soil samples were submitted for VOC analysis in accordance with U.S. Environmental Protection Agency (EPA) Method 8260B, 107 soil samples were submitted for laboratory analysis PAH analysis utilizing U.S. EPA Method 8270, and a total of 60 soil samples were analyzed for the select RCRA metals including arsenic, lead, and selenium utilizing U.S. EPA Methods 6010 and mercury utilizing U.S. EPA Method 7471. A synopsis of sample location, sample depth, and analyte suite is provided in Appendix D.



Soil samples were stored and preserved for transport in a cooler with ice. The sample collection, preservation, storage, and transportation were performed in general accordance with the WDNR, and ASTM requirements. Soil samples were submitted under chain-of-custody protocol to Pace Laboratory Corporation, Inc. (PACE) located in Green Bay, Wisconsin (WDNR Certification No. 405132750) for the analysis of VOCs, PAH compounds, and certain RCRA metals.

## 7. INVESTIGATIVE WASTE MANAGEMENT

Investigative waste generated in conjunction with the June through August direct-push sampling events resulted in approximately one-half of a 55-gallon drum of excess soil cuttings. The drummed soil cuttings are being retained on Site and will be combined with the planned excavation soil and later removed from the Site and disposed of under a landfill profile for the VOC impacted fill soil in late October/early November 2017.

## 8. SITE INVESTIGATION RESULTS

### 8.1. Regional Geology

A generalized stratigraphic section of the Milwaukee area includes unconsolidated Pleistocene-age glacial deposits and Holocene lacustrine, fluvial and paludal sediments overlying Silurian-age Niagaran dolomite of the Racine Formation and Devonian-age shale of the Antrim Formation and argillaceous dolomite of the Milwaukee Formation.<sup>1</sup> During Pleistocene glaciation, ice flowed westward from the Lake Michigan basin across southeastern Wisconsin. The glacial advances deposited generally clay-rich, ground moraine separated between north-trending recessional moraines. With the waxing and waning of glaciers, meltwater flowed from the glacier thus depositing glaciofluvial and glaciolacustrine sediments in topographic lows across the general area. Therefore, the glacial and post-glacial sequence is often variable due to the complexity of the depositional environments. In some areas the glacial deposits were mantled with younger, post-glacial fluvial, lacustrine, and paludal sediments.

Changes in the elevation of lakes within the Lake Michigan basin resulted in significant changes in base level with lacustrine deposits being deposited when lakes had a surface elevation greater (Glenwood State 640 feet current msl) than the present Lake Michigan (580 feet msl) and erosional down-cutting when the surface elevation was lower (Chippewa Phase 295 feet current msl). Thus, lacustrine and paludal deposits may be present proximal

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<sup>1</sup> University of Wisconsin-Extension, 2004, Preliminary bedrock geologic map of Milwaukee County, Wisconsin, Wisconsin Geological and Natural History Survey Open-File Report 2004-14A.



to Lake Michigan at and below the 640-foot elevation. The presence of the Menomonee River Valley located to the south of the Site represents a cut and fill history. In addition, the presence of the bluffs along the Lake Michigan shoreline formed as wave activity eroded the glacial deposits westward as lake stages fluctuated.

Anthropogenic change to the surface of southeastern Wisconsin has resulted in numerous fill areas along waterbodies and over wetlands. The current Lake Michigan shoreline, including the Site property, is marked by areas of filling which occurred during the late 1800s through the mid-1900s.

## 8.2. Site Geology and Hydrogeology

Based on borings advanced as deep as 200 feet below the present ground surface<sup>2</sup>, the Site is underlain by fill material ranging in thickness from 4 to 18 feet overlying a complex sequence of approximately 180 feet of glacial deposits overlain by fluvial and lacustrine sand and silt. The unconsolidated deposits overlie dolomite bedrock present at a depth of approximately 200 feet bgs. The fill material that mantles the Site consists of varying thicknesses of fill soil ranging in texture from clay to sand with some roots and minor wood debris, foundry materials, and incineration ash and sand. The fill material is present in a general wedge-shaped body thickening from approximately 4 feet on the west side of the Site to approximately 18 feet on the eastern property boundary.

The focus of the Ch. NR 716 SI sampling was to evaluate the vertical extent of impacted soil/fill material and distinguish the fill variation to assess if there is any correlation between the fill types and the types of contamination encountered. Geologic cross-sections of the Site were created using the boring logs from the Limited Phase II ESA and this SI. A plan including the cross-sectional transects index map is included as Figure 3 and geologic cross-sections are provided as Figures 4A through 4F.

Groundwater was encountered at depths ranging from 10.6 to 15.4 feet bgs at the Site during the Limited Phase II ESA. Groundwater flow beneath the Site is inferred to be eastward toward Lake Michigan; however, the presence of buried utilities may alter groundwater flow vectors. Based on testing performed on parcels in the same general Site area, the hydraulic conductivity (K) of the native sands and silts that underlie the Site probably range from  $10^{-3}$  to  $10^{-4}$  cm/sec while more clay-rich deposits probably display a K of from  $10^{-5}$  to  $10^{-6}$  cm/sec.

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<sup>2</sup> Giles Engineering Associates, Inc., 2016, Geotechnical Engineering Exploration and Analysis, The Couture, 909 East Michigan Street, Milwaukee, Wisconsin, Project No. 1G-1610001.



### **8.3. Soil Field Screening and Laboratory Analytical Results**

#### **8.3.1. Soil Field Screening**

In-field PID headspace screening results were recorded on the soil boring logs (WDNR Form 4400-122) for each representative interval collected. Organic vapors were detected in soil samples ranging generally ranging from 0 to 30 instrument units with the highest detections in shallow soil profile (0 to 4 feet) in B-6, B-12, and B-13. The PID readings are shown within the on the soil boring logs and provided in Appendix A.

#### **8.3.2. Soil VOC Laboratory Results**

Petroleum VOCs (PVOCs) and select chlorinated VOCs (CVOCs) and were detected in soil samples collected from the contaminated fill in several of the soil borings completed at the Site. The characterization of the PVOCs has shown a PVOC impacted “spill area” in the fill soil in the northwest portion of the Site and three smaller “hotspot” areas with petroleum-impacted soil elsewhere on Site. The extent of the PVOC spill area and hotspots are illustrated on Figure 5.

An area of soil impacted with the CVOC trichloroethylene (TCE) occurs in the east-central region of the Site with an isolated J-flagged TCE hotspot in the west-central region of the Site. The inferred TCE impacted soil area and hotspot areas are depicted on Figure 6.

A Petition for a Low Hazard Exemption was submitted to the WDNR under separate cover on September 6, 2017 which described the types and extent(s) of soil contamination that exists on the Site. Based on the areal extent of each area of PVOC and CVOC impacted soil on Figure 5 and Figure 6, an estimated 2,365 cubic yards (cy) of petroleum-impacted soil and 585 cy of TCE-impacted soil exceeding their respective RCLs for groundwater protection will be excavated and disposed of at a special waste landfill facility. The total estimated volume of PVOC and CVOC-impacted soil to be excavated and disposed of at a landfill facility is 2,950 cy.

#### **8.3.3. Soil PAH and Metals Laboratory Results**

Review of the PAHs and select RCRA metals soil sample data indicates that PAH compounds and metals are an area-wide condition extending along the Lake Michigan shoreline, beyond the Site boundaries. The PAHs and select RCRA metals were present in the fill overlying the native material of the Site and do not appear to be the result of a single spill event, unlike the documented PVOCs and CVOCs. In addition, neither the PAH and select RCRA metals-impacted fill, or the VOCs-impacted fill appear to correlate with a specific fill type (e.g. cinders, foundry sand, or granular fill).





#### **8.3.4. Soil Freshwater Leaching Procedure Laboratory Results**

A fresh water leaching procedure (WM-538 ASTM E3987) was performed on select soil samples that displayed known contamination. The leachate from soil borings B-11, B-14A, B-30, and B-32 was run at the Laboratory for analysis of VOCs utilizing EPA Method 8260B. The premise for these analyses was to confirm the assumption that minor “J” flagged benzene detections in soil samples from B-11 and B-14, and the slightly elevated concentrations in soil samples from soil borings B-30 and B-32 do not pose a significant risk to groundwater. The VOC analytical results of the leached soils samples confirmed that VOCs in the leachate were present at concentrations less than their respective Chapter NR 140 groundwater quality standards.

A fresh water leaching procedure was performed on select soil samples from borings B-30 and B-32 for PAH compounds, and from borings B-30, B-32, B-15A, B-34, and B-34C arsenic. In similar fashion to the VOCs, the leachate from the submitted PAH and metals impacted soil samples at concentrations above their respective Chapter NR 140 groundwater quality standards.

The VOC, PAH, and arsenic freshwater leach soil analytical results are summarized in Tables 4, 5, and 6, respectively. Copies of the freshwater leach laboratory analytical reports and the Chain-of-Custody documentation are included in Appendix D.

### **9. CONCEPTUAL REMEDIAL ACTION PLAN**

Fill soil impacts exceeding the WAC Ch. NR 720 direct contact and/or soil to groundwater pathway risk-based RCLs are known to be present on the Site.-These risk pathways are believed to pose the greatest risk to human receptors at the Site. Therefore, mitigation is necessary to eliminate risk to Site residents and visitors.

The risk associated with direct contact with the impacted soil will be greatest during construction activities. In addition, during construction contamination may migrate from the Site as sediment present any uncontrolled runoff or as fugitive airborne dust could thus impacting off-Site receptors

To mitigate risks during construction, contractors will be informed of proper soil handling protocols to minimize the potential for direct contact, ingestion, or inhalation of the VOC, PAH and metals impacted soil. Contractors will also employ sediment control capture systems and dust control measures to minimize the potential for off-Site sediment and fugitive soil/dust emissions from the Site.

The planned Site redevelopment will include the construction of a below-grade parking structure. To construct the parking structure, driven-interlocking steel sheeting will be



installed around the perimeter of the property to stabilize sidewalls during construction of the subsurface parking structure.

It is anticipated that the entire 2.12 acre lot will be excavated to a depth of 25 feet bgs during the construction of the parking structure. This excavation task will result in the generation of approximately 85,500 *in situ* cy of material. Therefore, as all known impact at the Site soil is present above a depth of 25 feet, the controlled and managed excavation of the subsurface parking structure is, in essence, the remedial action for the Site. Also, the WDNR has indicated in their July 18, 2017 correspondence that depending on the extent of soil removal performed at the Site in association with the parking structure, a Soil GIS Registry may not be required for the Site.

Based on the depth to the fill material/native soil interface determined during the SI (see provided geologic cross-sections (Figures 4A to 4F), Giles estimates that approximately 39,000 to 45,000 *in-situ* cy of the Site fill materials will be generated during the excavation for the parking structure. The balance of the excavation will include native soil estimated to range in volume from 40,500 to 46,500 *in situ* cy.

Based on the relatively confined extent of petroleum VOCs in the Site soil, it is inferred that a historical petroleum release occurred in the northwest portion of the Site and in three smaller "hotspot" areas elsewhere on Site (Figure 5). An area of soil impacted with the chlorinated VOC TCE with concentrations exceeding its WAC Ch. NR 720 RCL is present in the east-central region of the Site. A smaller TCE hotspot which displays impact at laboratory-estimated "J-flagged"<sup>3</sup> concentrations exists in the west-central region of the Site (Figure 6). These areas of petroleum and TCE contaminated soil shall be excavated and properly disposed of at a Wisconsin-licensed special-waste disposal facility.

Based on the areal extent of each planned contaminant excavation area (Appendix E and Figures 5 and 6), an estimated 2,365 cy of petroleum-impacted soil and 585 cy of TCE impacted soil (2,950 cy total) displaying impact greater than their respective WAC Ch. NR 720 RCLs will be generated.

The presence of fill soil is ubiquitous in the general Milwaukee area and stems from the uncontrolled filling of wetlands and the Lake Michigan shoreline during the period of the mid-1800s to the mid-1900s. As discovered during this investigation, the Site is mantled with up to 14 feet of fill soil which thickens eastward toward the Lake Michigan shoreline. Much of the fill used in urban Milwaukee included industrial and atmospheric waste that included PAH compounds and select species of RCRA metals. As no indication of a spill/release was identified with respect to the PAH compounds and RCRA metals identified in the Site soil, their presence is attributed to historic uncontrolled filling activities. In addition, neither the

---

<sup>3</sup> A "J-flagged" concentration is a laboratory estimated concentration between the laboratory limit of detection and limit of quantification.



presence of PAH compounds and select RCRA metals-impacted fill, nor the VOCs-impacted fill appear to correlate with a Site-specific fill type (e.g. cinders, foundry sand, or granular fill).

Prior studies have demonstrated that the PAH compounds and metals do not readily leach from the soil under freshwater conditions. Therefore, Giles infers that these non-VOC-impacted soils do not likely pose a threat to groundwater. It is estimated that from 36,000 cy to 42,000 cy of PAH compound and select RCRA metal-impacted fill soil will be removed from the Site. Giles, on behalf of the Couture LLC, is requesting the WDNR's concurrence that the PAH and RCRA metals-impacted soil be removed under a low-hazard waste grant exemption under s. 289.43(8), Stats, to the R&R Excavation Quarry (R&R) located in Cedarburg, Wisconsin.

Giles collected and analyzed 22 samples from the native soil collected beneath the fill soil interval including:

B-1	12-14'	B-13	14-16'
B-2	10-12'	B-15	16-18'
B-3	10-12'	B-15A	14-16'
B-4	14-16'	B-15B	14-16'
B-5	14-16'	B-15C	14-16'
B-6	14-16'	B-17	6-8'
B-7	16-18'	B-19	8-10'
B-8	12-14'	B-21	8-10'
B-9	10-12'	B-23	12-14'
B-10	14-16'	B-25	18-20'
B-11	12-14'	B-34	18-20'

As documented earlier in this report, no PAH compounds and, with the exception of arsenic, no tested RCRA metals were found to exceed their respective WAC Ch. NR 720 RCLs for the direct contact or soil to groundwater risk pathways. Arsenic was reported to exceed its RCL for the soil to groundwater pathway because of the depths from which the samples were collected (greater than 4 feet). However, none of the detected arsenic concentrations from the native soil were reported to exceed the Ch. NR 720.07(3) background threshold value for arsenic. Lead, mercury and/or selenium were detected but at levels below their respective RCLs for direct contact and groundwater protection.

Based on the results of the native soil sampling, Giles, on behalf of the Couture LLC is requesting the WDNR's concurrence for the unrestricted reuse of the native material as clean fill. The excavation contractor will provide the location of the clean fill site for future closure documentation once the material is placed.



## 10. CONCLUSIONS

- The PVOC and CVOC soil impacts are adequately defined. It appears that the majority of soil impact is currently confined to the unconsolidated soil section with relatively low impact to groundwater; the PVOC highest contaminant concentrations are evident near the northwestern region of the Site, and CVOCs concentrations were defined near the east central region of the Site. Giles infers that these areas are indicative of spills and do not appear to be associated with the placement of the fill in the late 1800s.
- The PVOC and CVOC soil will be profiled at a special waste landfill during the initial excavation of the subgrade parking structure as part of the soil management plan. An estimated 2,950 cy of soil will be removed.
- The PAH compound and metals-impacted soil fill is has been submitted for review by the WDNR's Waste Materials Management (WMM) Section for consideration of a LHE. Upon receipt of concurrence from the WDNR WMM, the PAH and metals-impacted soil fill material will be excavated, transported, and disposed of as fill at the R&R Excavation, Inc. quarry reclamation site, located I Cedarburg, WI.

## 11. RECOMMENDATIONS

The remedial action activities which include the installation of driven perimeter sheeting and parking structure excavation activities are scheduled to commence in December 2017/January 2018. During the period from October 2017 to December 2017, it is recommended that the surface pavement remain in place to prevent direct contact and surface water infiltration.

Upon the completion of the removal of the fill material of the excavation of the parking structure, Giles will petition the WDNR for closure under Ch. NR. 726, with consideration for a preventative action limit exemption for the reported ground water exceedances. Also, Giles will petition the WDNR to omit the requirement of a Soil GIS recording if no fill soil remains.



## 12. SUBMITTAL CERTIFICATION

I, Kevin T. Bugel hereby certify that I am a registered professional geologist in the State of Wisconsin, registered in accordance with the requirements of Ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in Ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in Ch.s NR 700 to 726, Wis. Adm. Code.

  
Signature and Title  
*Environmental  
District Mgr.*



## 13. GENERAL COMMENTS

This SIR and RAP has been prepared to aid in the evaluation of the Site located at 909 East Michigan Street, in the City of Milwaukee, Milwaukee County, Wisconsin, with regard to the known release of a hazardous substance. The conclusions presented in this report were based on available information pertaining to various points in time. We do not warrant the accuracy of information supplied by others.

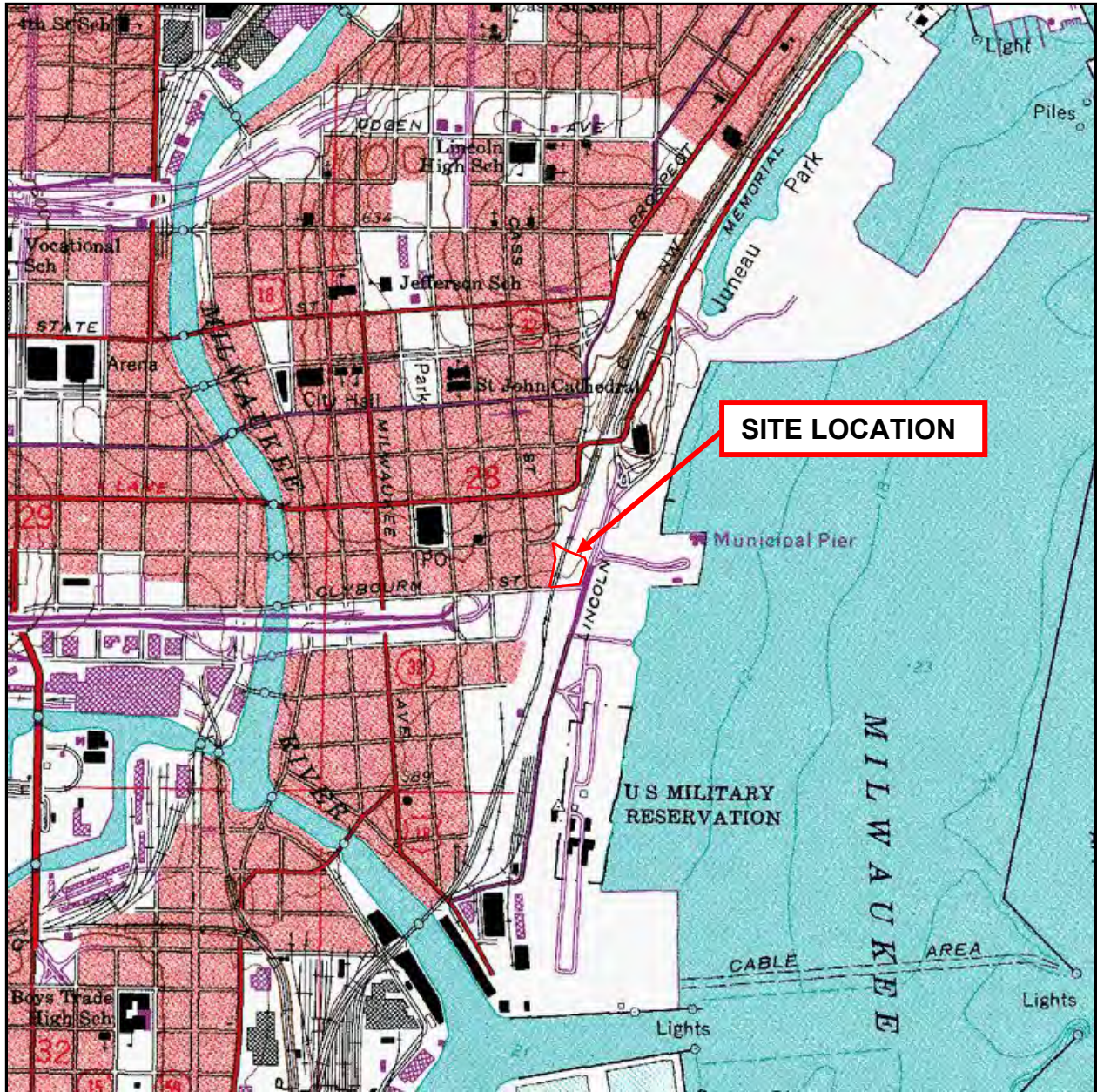
The boring logs and related information enclosed within the Appendices depict subsurface conditions only at specific locations drilled and at the particular times designated on the logs. Soil conditions at other locations may differ from conditions occurring at these boring locations. Also, the passage of time may result in a change of soil conditions at the boring locations drilled.

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1E-1704005 SIR KTB MKB Draft 10-4-2017 MKB MKB Comments/17Env02/ktb/glg



## FIGURES



Source: USGS Milwaukee, Wisconsin 7.5-Minute Series (topographic) Quadrangle Map (1958; photorevised in 1971)

Scale: 1:24,000  
 Contour Interval: 10 Feet

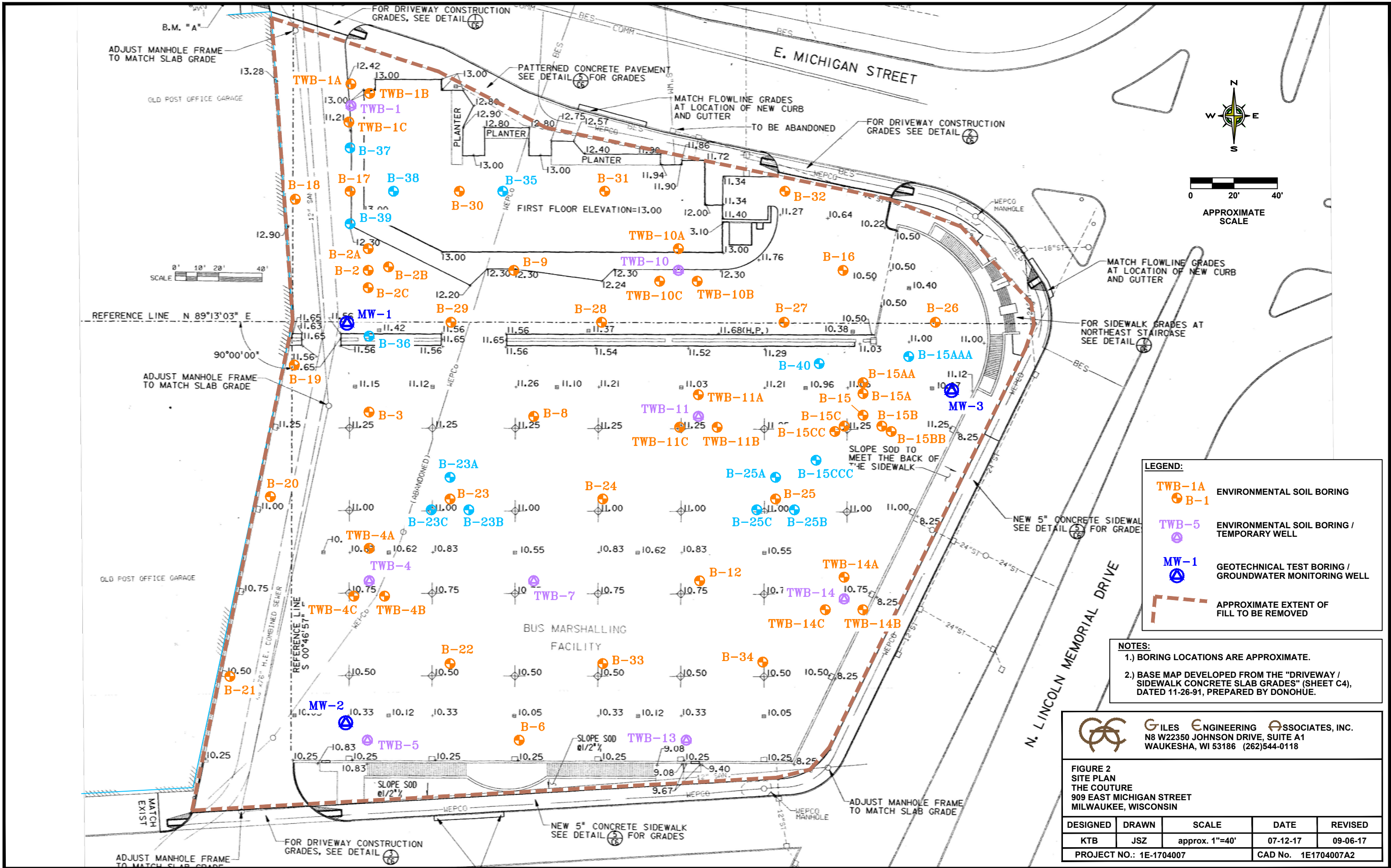


**FIGURE 1**  
**SITE LOCATION MAP**

**The Couture Development**  
**909 East Michigan Street**  
**Milwaukee, Wisconsin**  
**Project No. 1E-1704007**



**GILES**  
 ENGINEERING ASSOCIATES, INC.



**LEGEND:**

<span style="color: orange;">●</span> TWB-1A	ENVIRONMENTAL SOIL BORING
<span style="color: orange;">●</span> B-1	ENVIRONMENTAL SOIL BORING
<span style="color: purple;">●</span> TWB-5	ENVIRONMENTAL SOIL BORING / TEMPORARY WELL
<span style="color: blue;">●</span> MW-1	GEOTECHNICAL TEST BORING / GROUNDWATER MONITORING WELL
<span style="border: 1px dashed red; display: inline-block; width: 20px; height: 10px;"></span>	APPROXIMATE EXTENT OF FILL TO BE REMOVED

**NOTES:**

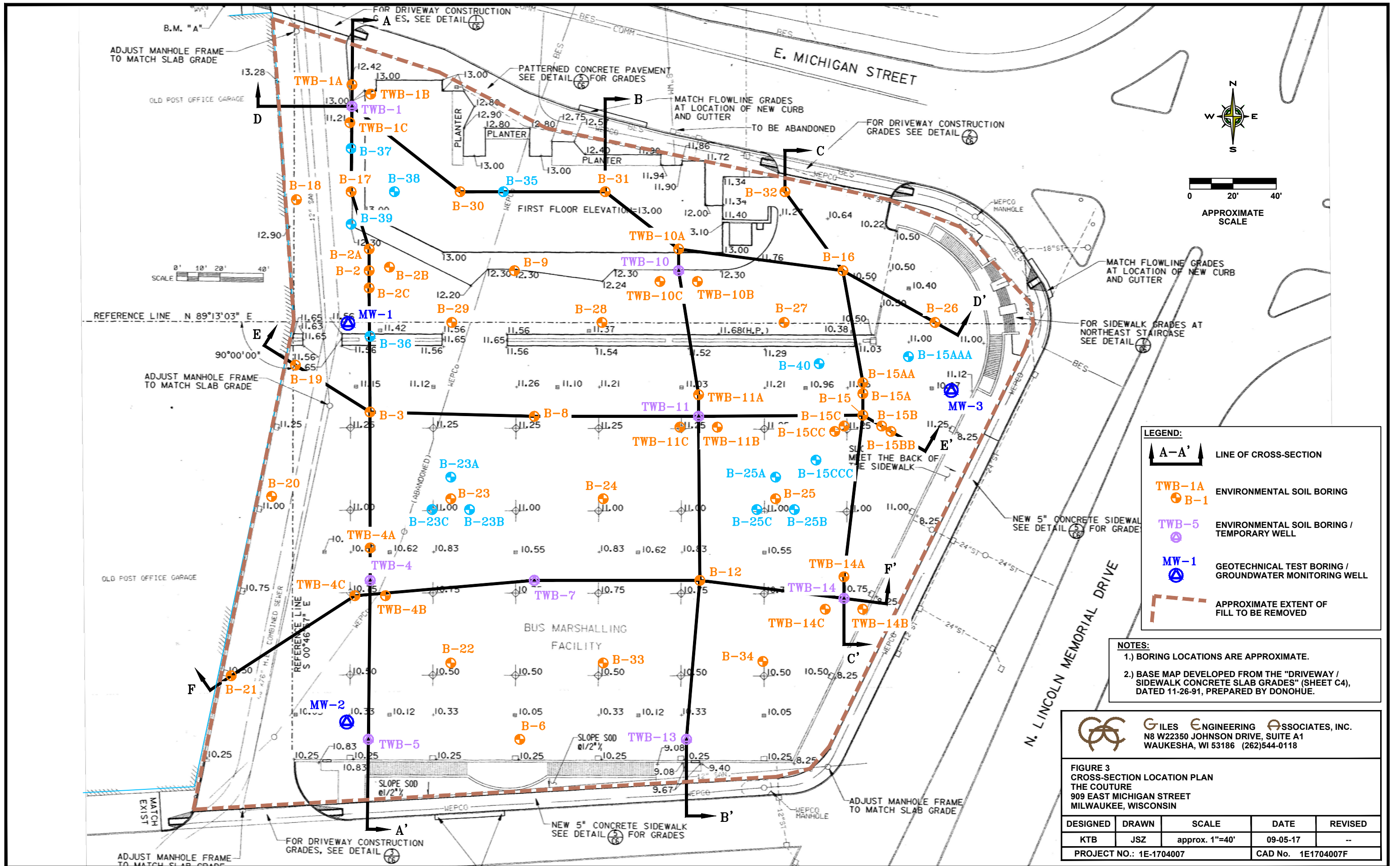
- BORING LOCATIONS ARE APPROXIMATE.
- BASE MAP DEVELOPED FROM THE "DRIVEWAY / SIDEWALK CONCRETE SLAB GRADES" (SHEET C4), DATED 11-26-91, PREPARED BY DONOHUE.

**GILES ENGINEERING ASSOCIATES, INC.**  
 N8 W22350 JOHNSON DRIVE, SUITE A1  
 WAUKESHA, WI 53186 (262)544-0118

**FIGURE 2  
 SITE PLAN  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN**

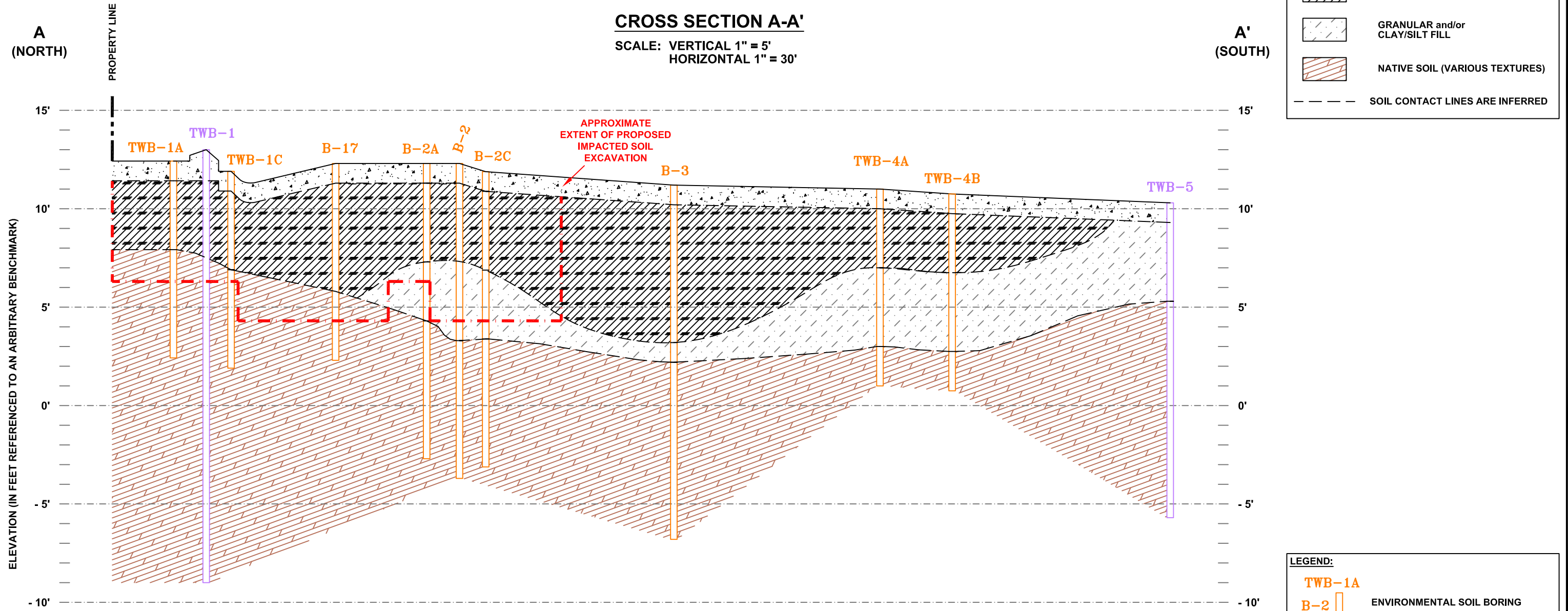
DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	approx. 1"=40'	07-12-17	09-06-17
PROJECT NO.: 1E-1704007			CAD No. 1E1704007A2	





### CROSS SECTION A-A'

SCALE: VERTICAL 1" = 5'  
HORIZONTAL 1" = 30'



**SOIL KEY:**

- CONCRETE SLAB WITH 1" TO 3" OF SAND & GRAVEL GRANULAR FILL BELOW
- FOUNDRY WASTE and/or CINDER
- GRANULAR and/or CLAY/SILT FILL
- NATIVE SOIL (VARIOUS TEXTURES)
- SOIL CONTACT LINES ARE INFERRED

ELEVATION (IN FEET REFERENCED TO AN ARBITRARY BENCHMARK)

**A**  
(NORTH)

**A'**  
(SOUTH)

**LEGEND:**

- TWB-1A
- B-2 ENVIRONMENTAL SOIL BORING
- TWB-1 ENVIRONMENTAL SOIL BORING / TEMPORARY WELL

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WAUKESHA, WI 53186 (262)544-0118

FIGURE 4A  
CROSS-SECTION A - A'  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN

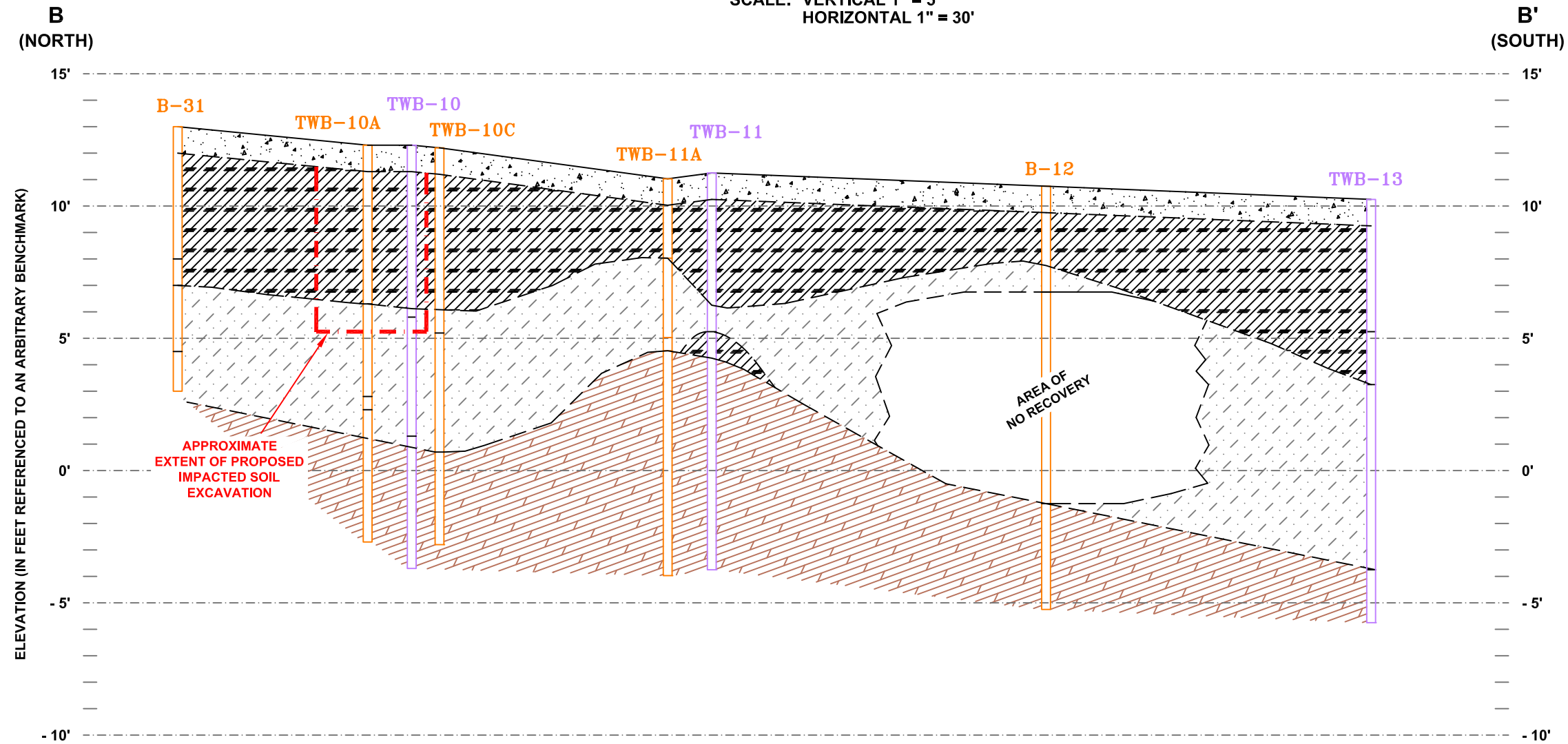
DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	SEE TITLE	09-06-17	--
PROJECT NO.: 1E-1704007			CAD No. 1E1704007G	

### CROSS SECTION B-B'

SCALE: VERTICAL 1" = 5'  
HORIZONTAL 1" = 30'

**SOIL KEY:**

	CONCRETE SLAB WITH 1" TO 3" OF SAND & GRAVEL GRANULAR FILL BELOW
	FOUNDRY WASTE and/or CINDER
	GRANULAR and/or CLAY/SILT FILL
	NATIVE SOIL (VARIOUS TEXTURES)
	SOIL CONTACT LINES ARE INFERRED



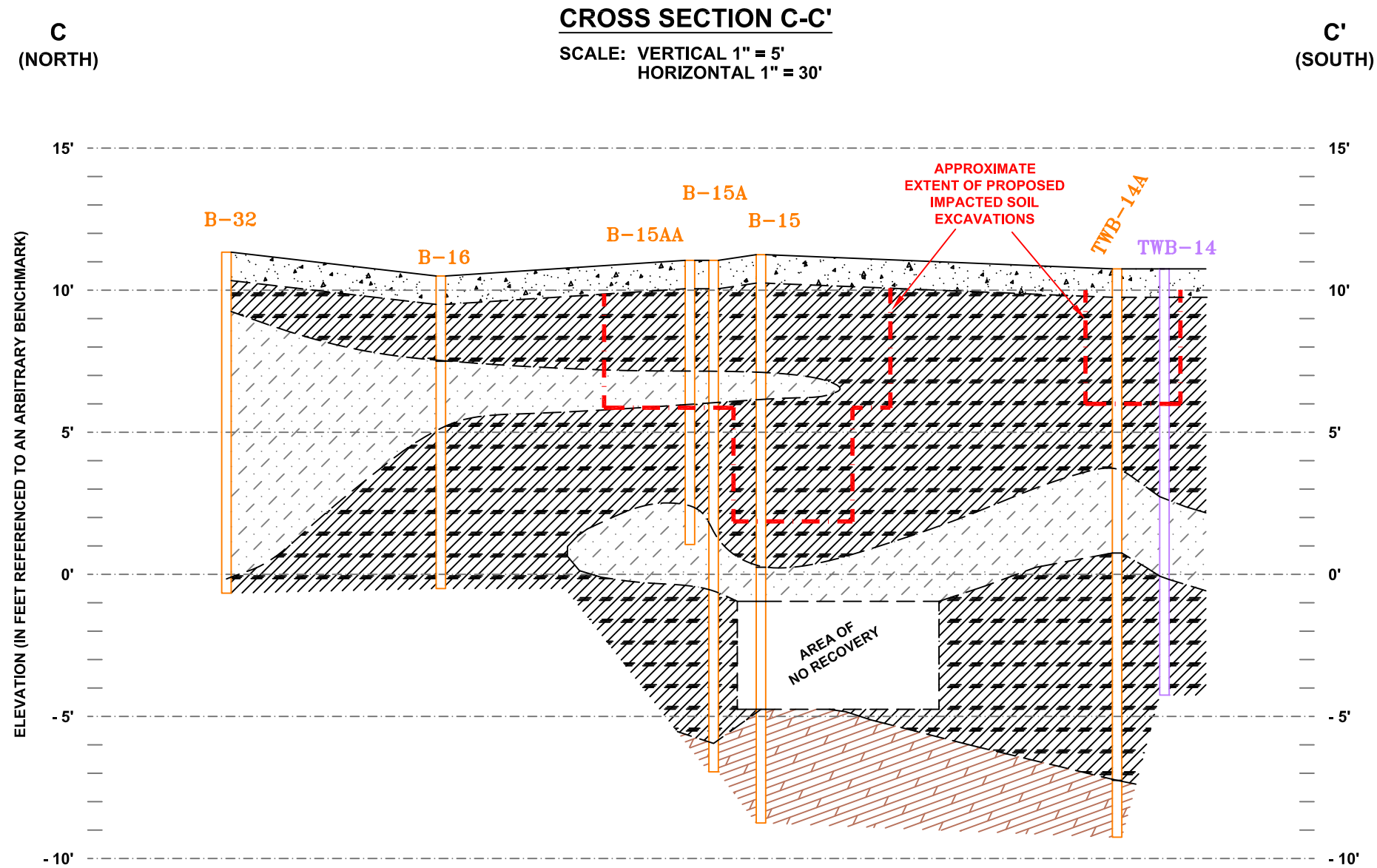
**LEGEND:**

	TWB-10A	ENVIRONMENTAL SOIL BORING
	TWB-10	ENVIRONMENTAL SOIL BORING / TEMPORARY WELL

**GILES ENGINEERING ASSOCIATES, INC.**  
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 WAUKESHA, WI 53186 (262)544-0118

FIGURE 4B  
 CROSS-SECTION B - B'  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	SEE TITLE	09-06-17	--
PROJECT NO.: 1E-1704007			CAD No. 1E1704007H	



**SOIL KEY:**

	CONCRETE SLAB WITH 1" TO 3" OF SAND & GRAVEL GRANULAR FILL BELOW
	FOUNDRY WASTE and/or CINDER
	GRANULAR and/or CLAY/SILT FILL
	NATIVE SOIL (VARIOUS TEXTURES)
	SOIL CONTACT LINES ARE INFERRED

**LEGEND:**

	TWB-14A
	B-15 ENVIRONMENTAL SOIL BORING
	TWB-14 ENVIRONMENTAL SOIL BORING / TEMPORARY WELL

GILES ENGINEERING ASSOCIATES, INC.  
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WAUKESHA, WI 53186 (262)544-0118

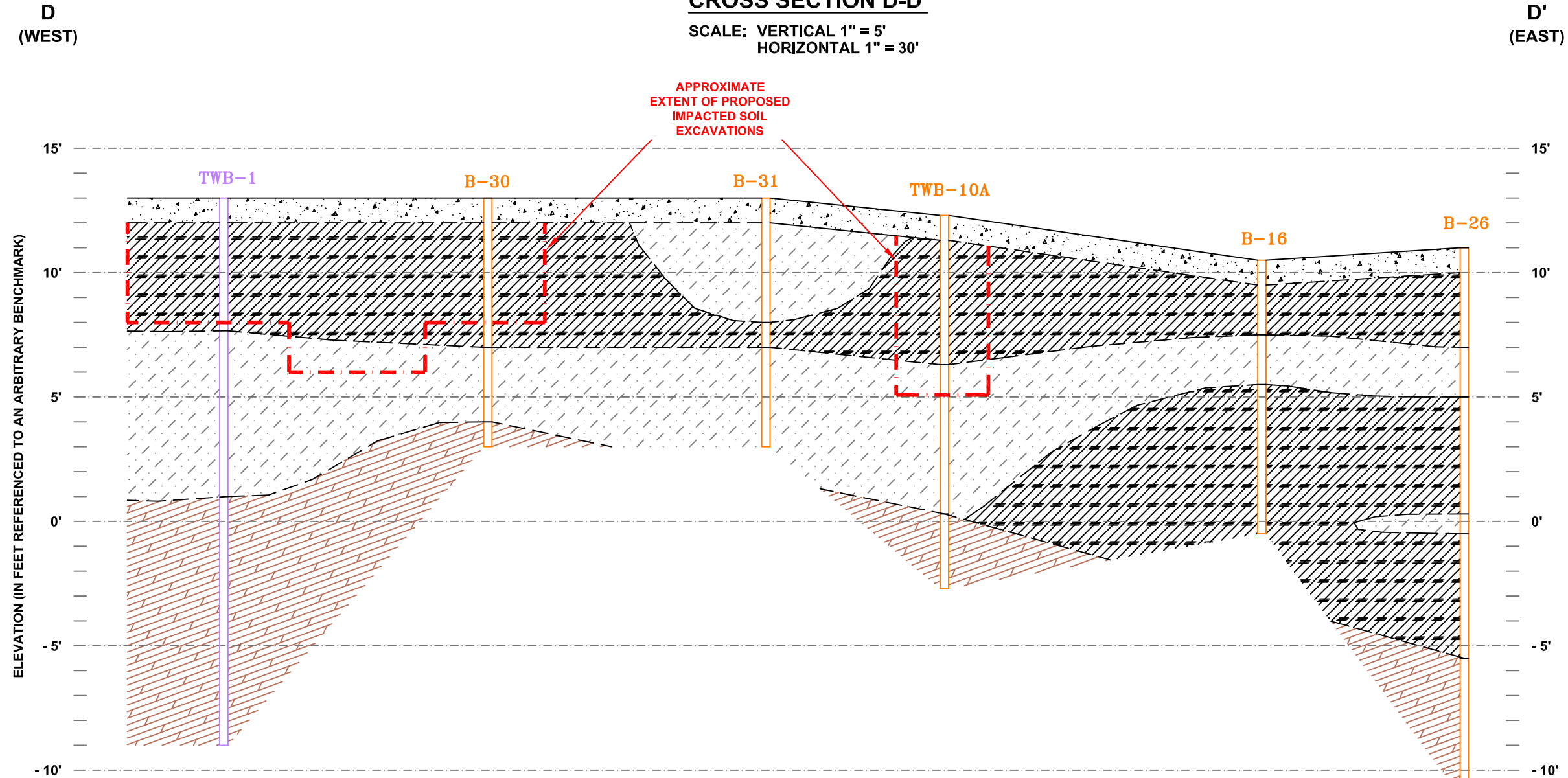
FIGURE 4C  
CROSS-SECTION C - C'  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	SEE TITLE	09-06-17	--
PROJECT NO.: 1E-1704007			CAD No. 1E1704007I	

### CROSS SECTION D-D'

SCALE: VERTICAL 1" = 5'  
HORIZONTAL 1" = 30'

APPROXIMATE  
EXTENT OF PROPOSED  
IMPACTED SOIL  
EXCAVATIONS



**SOIL KEY:**

- CONCRETE SLAB WITH 1" TO 3" OF SAND & GRAVEL GRANULAR FILL BELOW
- FOUNDRY WASTE and/or CINDER
- GRANULAR and/or CLAY/SILT FILL
- NATIVE SOIL (VARIOUS TEXTURES)
- SOIL CONTACT LINES ARE INFERRED

**LEGEND:**

- TWB-10A ENVIRONMENTAL SOIL BORING
- B-16 ENVIRONMENTAL SOIL BORING
- TWB-1 ENVIRONMENTAL SOIL BORING / TEMPORARY WELL

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FIGURE 4D  
CROSS-SECTION D - D'  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN

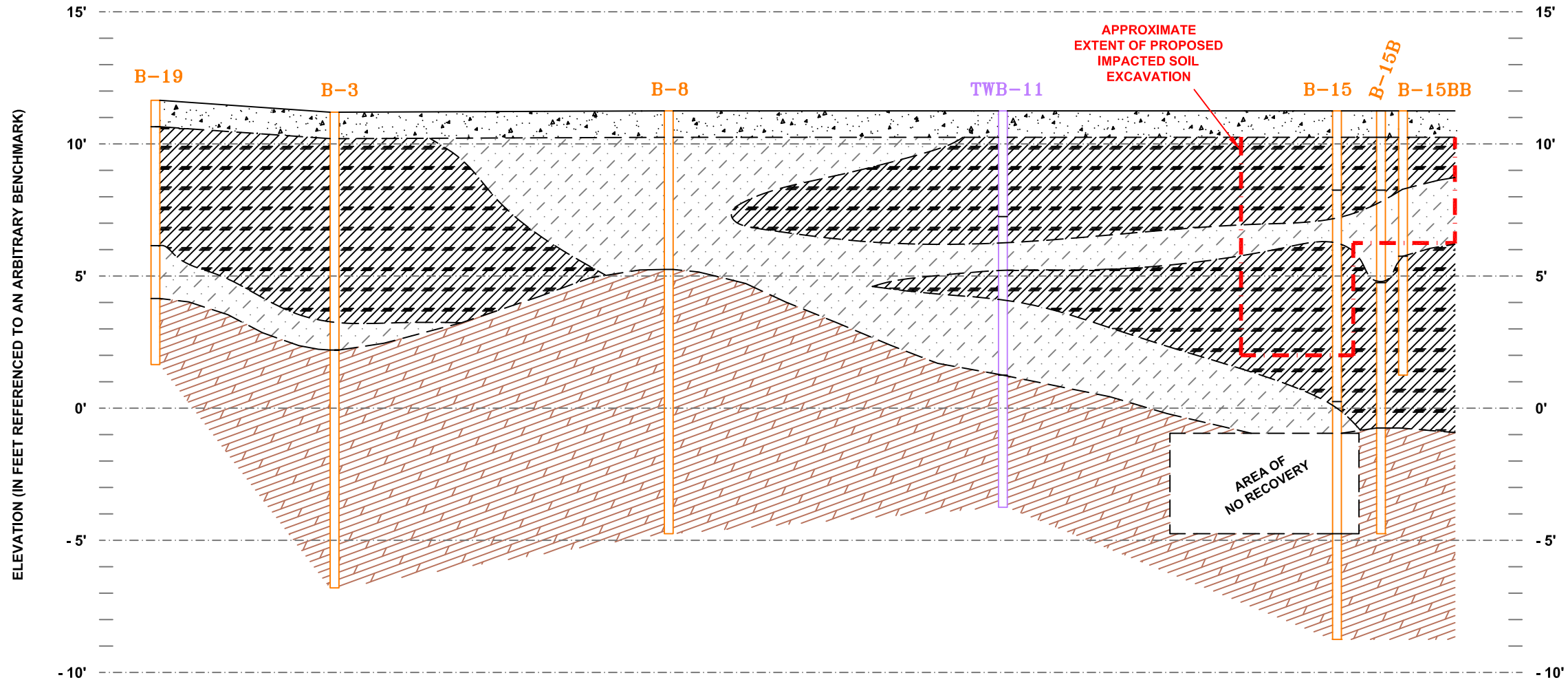
DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	SEE TITLE	09-06-17	--
PROJECT NO.: 1E-1704007			CAD No. 1E1704007J	

### CROSS SECTION E-E'

SCALE: VERTICAL 1" = 5'  
HORIZONTAL 1" = 30'

E  
(WEST)

E'  
(EAST)



**SOIL KEY:**

	CONCRETE SLAB WITH 1" TO 3" OF SAND & GRAVEL GRANULAR FILL BELOW
	FOUNDRY WASTE and/or CINDER
	GRANULAR and/or CLAY/SILT FILL
	NATIVE SOIL (VARIOUS TEXTURES)
	SOIL CONTACT LINES ARE INFERRED

**LEGEND:**

	TWB-15B	ENVIRONMENTAL SOIL BORING
	B-3	ENVIRONMENTAL SOIL BORING
	TWB-11	ENVIRONMENTAL SOIL BORING / TEMPORARY WELL

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WAUKESHA, WI 53186 (262)544-0118

FIGURE 4E  
CROSS-SECTION E - E'  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN

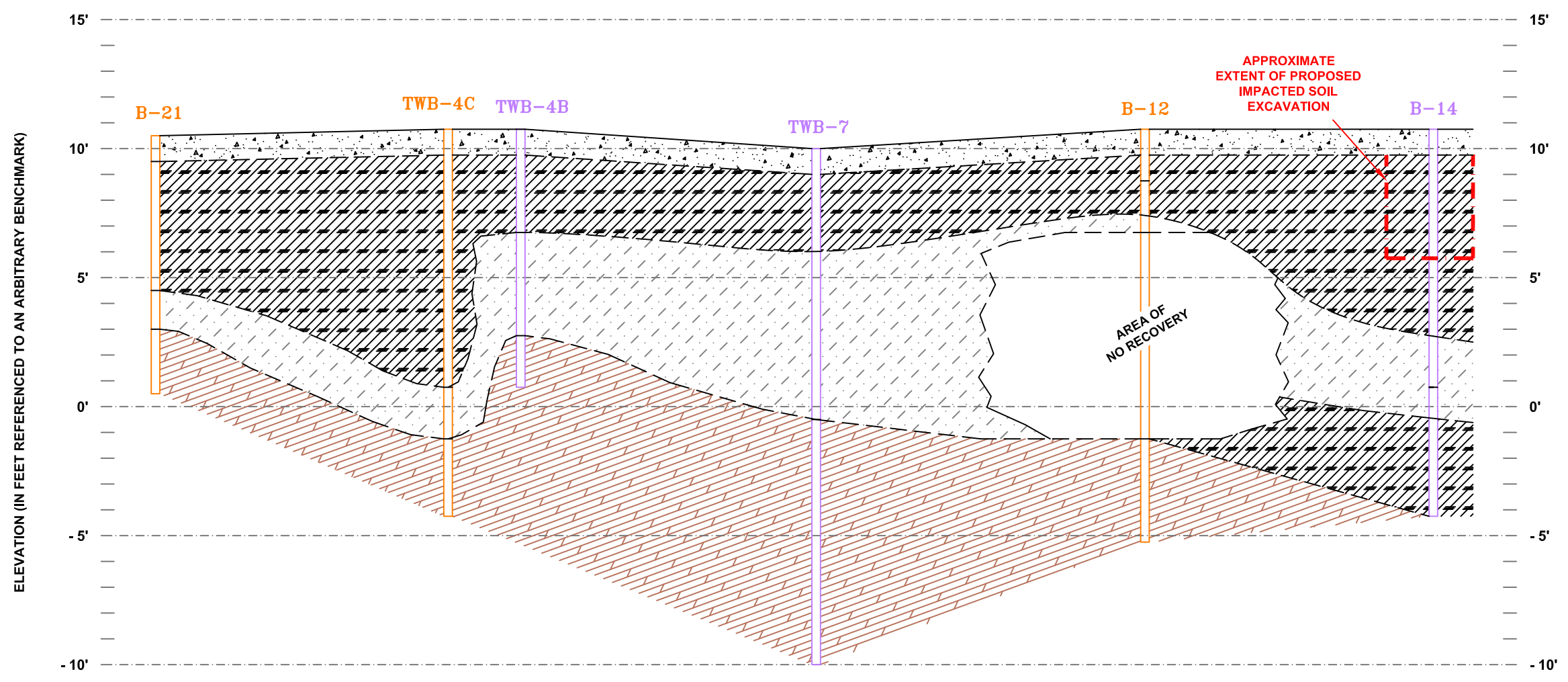
DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	SEE TITLE	09-06-17	--
PROJECT NO.: 1E-1704007			CAD No. 1E1704007K	

F  
(WEST)

**CROSS SECTION F-F'**

SCALE: VERTICAL 1" = 5'  
HORIZONTAL 1" = 30'

F'  
(EAST)



**SOIL KEY:**

- CONCRETE SLAB WITH 1" TO 3" OF SAND & GRAVEL GRANULAR FILL BELOW
- FOUNDRY WASTE and/or CINDER
- GRANULAR and/or CLAY/SILT FILL
- NATIVE SOIL (VARIOUS TEXTURES)
- SOIL CONTACT LINES ARE INFERRED

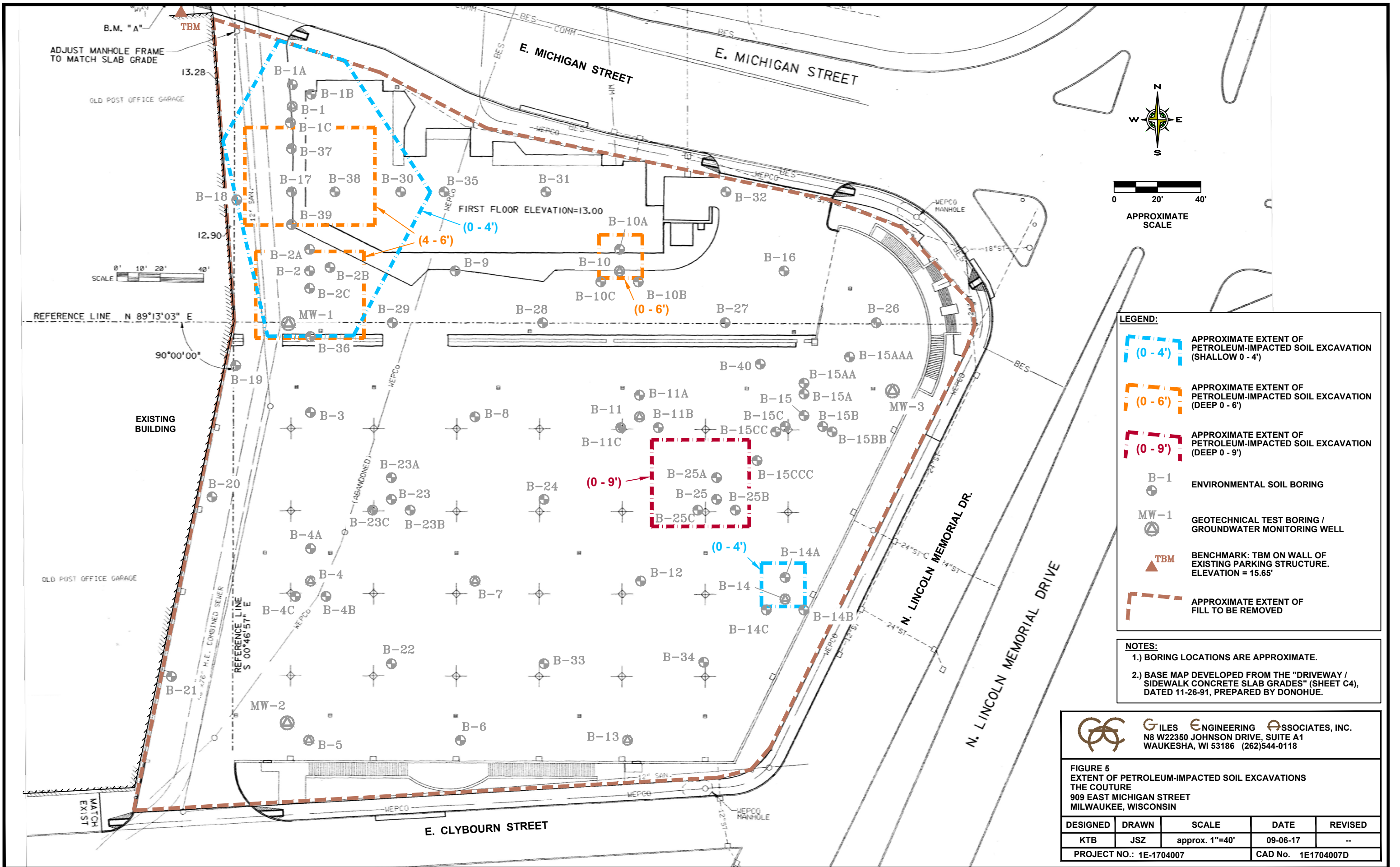
**LEGEND:**

- TWB-4C ENVIRONMENTAL SOIL BORING
- B-12 ENVIRONMENTAL SOIL BORING
- TWB-4B ENVIRONMENTAL SOIL BORING / TEMPORARY WELL

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FIGURE 4F  
CROSS-SECTION F - F'  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	SEE TITLE	09-06-17	--
PROJECT NO.: 1E-1704007			CAD No. 1E1704007L	



**LEGEND:**

- (0 - 4') APPROXIMATE EXTENT OF PETROLEUM-IMPACTED SOIL EXCAVATION (SHALLOW 0 - 4')
- (0 - 6') APPROXIMATE EXTENT OF PETROLEUM-IMPACTED SOIL EXCAVATION (DEEP 0 - 6')
- (0 - 9') APPROXIMATE EXTENT OF PETROLEUM-IMPACTED SOIL EXCAVATION (DEEP 0 - 9')
- B-1 ENVIRONMENTAL SOIL BORING
- ⊕ MW-1 GEOTECHNICAL TEST BORING / GROUNDWATER MONITORING WELL
- ▲ TBM BENCHMARK: TBM ON WALL OF EXISTING PARKING STRUCTURE. ELEVATION = 15.65'
- APPROXIMATE EXTENT OF FILL TO BE REMOVED

**NOTES:**

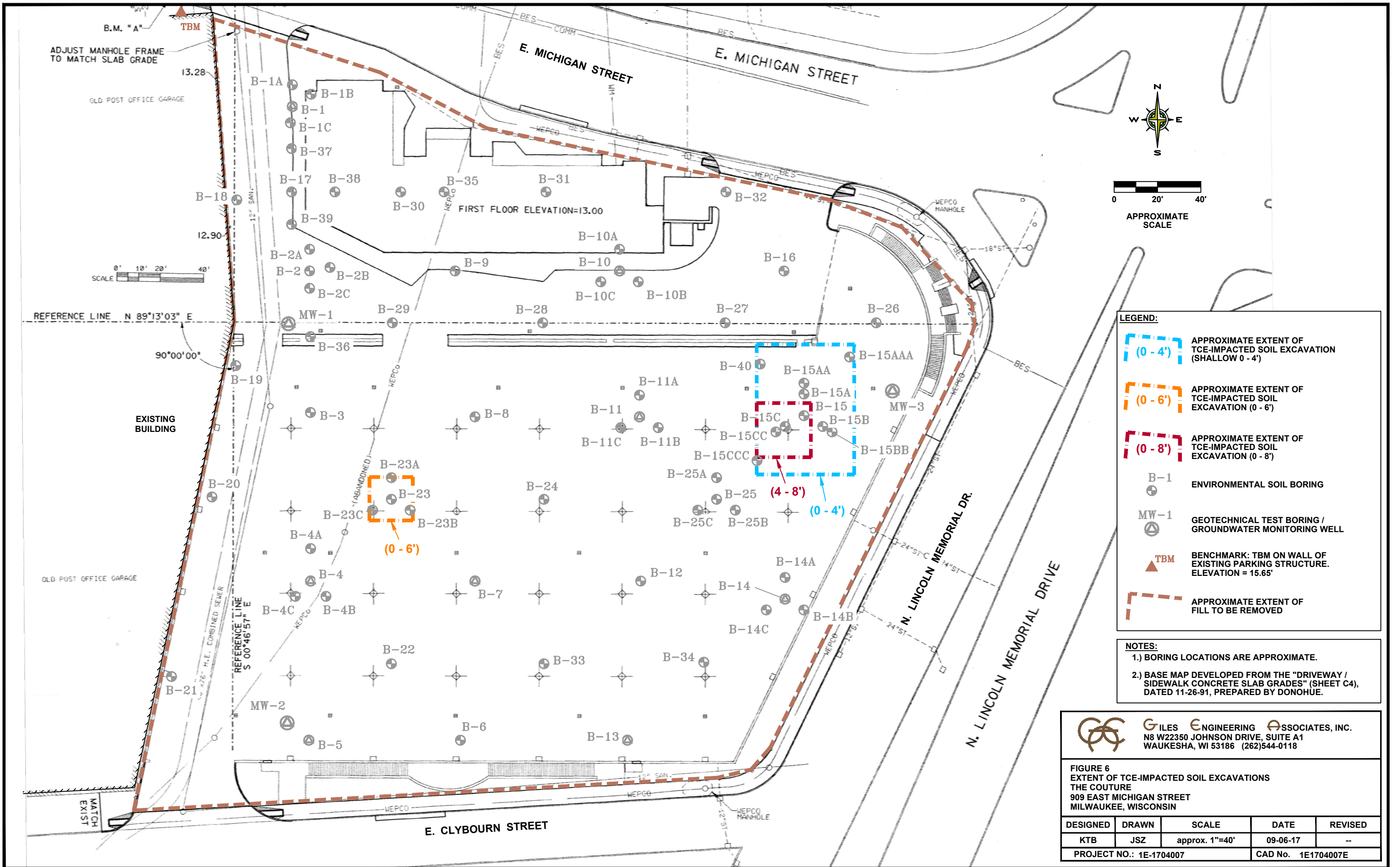
- 1.) BORING LOCATIONS ARE APPROXIMATE.
- 2.) BASE MAP DEVELOPED FROM THE "DRIVEWAY / SIDEWALK CONCRETE SLAB GRADES" (SHEET C4), DATED 11-26-91, PREPARED BY DONOHUE.

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**FIGURE 5**  
 EXTENT OF PETROLEUM-IMPACTED SOIL EXCAVATIONS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	approx. 1"=40'	09-06-17	--
PROJECT NO.: 1E-1704007			CAD No. 1E1704007D	





**LEGEND:**

- (0 - 4') APPROXIMATE EXTENT OF TCE-IMPACTED SOIL EXCAVATION (SHALLOW 0 - 4')
- (0 - 6') APPROXIMATE EXTENT OF TCE-IMPACTED SOIL EXCAVATION (0 - 6')
- (0 - 8') APPROXIMATE EXTENT OF TCE-IMPACTED SOIL EXCAVATION (0 - 8')
- B-1 ENVIRONMENTAL SOIL BORING
- MW-1 GEOTECHNICAL TEST BORING / GROUNDWATER MONITORING WELL
- TBM BENCHMARK: TBM ON WALL OF EXISTING PARKING STRUCTURE. ELEVATION = 15.65'
- (4 - 8') APPROXIMATE EXTENT OF FILL TO BE REMOVED

**NOTES:**

- 1.) BORING LOCATIONS ARE APPROXIMATE.
- 2.) BASE MAP DEVELOPED FROM THE "DRIVEWAY / SIDEWALK CONCRETE SLAB GRADES" (SHEET C4), DATED 11-26-91, PREPARED BY DONOHUE.

**GILES ENGINEERING ASSOCIATES, INC.**  
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 WAUKESHA, WI 53186 (262)544-0118

**FIGURE 6**  
 EXTENT OF TCE-IMPACTED SOIL EXCAVATIONS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
KTB	JSZ	approx. 1"=40'	09-06-17	--
PROJECT NO.: 1E-1704007			CAD No. 1E1704007E	

## **TABLES**

TABLE 1  
SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCS  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN  
PROJECT NO. 1E-1704005

Analyte	Sample Location																								NR 720 RCL <sup>1</sup> (µg/kg)		
	B-1		B-1A			B-1B			B-1C			B-2		B-2A			B-2B			B-2C			B-3	B-4		Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)
Sample Depth (feet)	2-4	12-14	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6	2-4	10-12	2-4	4-6	6-8	2-4	4-6	6-8	2-4	4-6	6-8	10-12	2-4	14-16		
Sample Collection Date	10/20/16	10/20/16	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	10/20/16	10/21/16	6/21/17	6/21/17	6/21/17	6/21/17	6/22/17	6/21/17	6/21/17	6/21/17	6/21/17	10/20/16	10/20/16	10/21/16		
PID (instrument units)	20	<5	2.7	7.4	5.4	3.7	6.7	6.8	6.4	4.6	4.9	15	25	1.2	1.5	1.2	7.6	6.9	7.5	8.4	4.3	5.7	21	18	<5		
Detected VOCs (µg/kg)																											
Benzene	<u>376</u>	<25.0	<u>55.6 J</u>	<u>79.5</u>	<25.0	<u>109</u>	<u>76.4</u>	<25.0	<u>184</u>	<u>290</u>	<u>53.4 J</u>	<u>120</u>	<25.0	<u>335</u>	<u>33.3 J</u>	<25.0	<25.0	<25.0	<25.0	<u>295</u>	<u>417</u>	<25.0	<25.0	<u>31.5 J</u>	<25.0	<u>5.1</u>	<u>1,600</u>
n-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	39.1 J	38.7 J	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>108,000</u>
sec-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>145,000</u>
Chloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>15.5</u>	<u>171,000</u>
Ethylbenzene	32.2 J	<25.0	<25.0	50.5 J	<25.0	<25.0	<25.0	<25.0	36.3 J	58.3 J	<25.0	38.0 J	<25.0	73.4	<25.0	<25.0	<25.0	<25.0	<25.0	86.0	76.3	<25.0	<25.0	<25.0	<25.0	<u>1,570</u>	<u>8,020</u>
Isopropylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>268,000</u>
p-Isopropyltoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>162,000</u>
Methylene Chloride	<25.0	<25.0	<u>66.3 J</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<u>56.7 J</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>2.6</u>	<u>61,800</u>
Naphthalene	65.4 J	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	48.1 J	<40.0	<40.0	74.7 J	<40.0	66.7 J	<40.0	<40.0	<40.0	<40.0	<40.0	422	179 J	<40.0	65.0 J	71.7 J	<40.0	<u>658</u>	<u>5,520</u>
n-Propylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	38.2 J	<25.0	<25.0	28.5 J	<25.0	<25.0	<25.0	<25.0	51.7 J	<25.0	<25.0	<25.0	<25.0	<25.0	59.4 J	69.9	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>264,000</u>
Toluene	<25.0	<25.0	<25.0	65.8	<25.0	27.4 J	<25.0	<25.0	<25.0	84	<25.0	29.6 J	<25.0	77.7	<25.0	<25.0	<25.0	<25.0	<25.0	86.6	51.5 J	<25.0	<25.0	40.4 J	<25.0	<u>1,107</u>	<u>818,000</u>
1,1,1-Trichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>140</u>	<u>640,000</u>
Trichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>3.6</u>	<u>1,300</u>
Trichlorofluoromethane	<25.0	<25.0	92.3	139	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>1,230,000</u>
1,2,4-TMB	38.4 J	<25.0	<25.0	81.1	<25.0	73.3	<25.0	<25.0	50.5 J	54.9 J	<25.0	31.1 J	<25.0	96.8	<25.0	<25.0	<25.0	<25.0	<25.0	99.1	109	<25.0	<25.0	<25.0	<25.0	<u>1,382</u>	<u>219,000</u>
1,3,5-TMB	<25.0	<25.0	<25.0	<25.0	<25.0	29.3 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	37.1 J	32.4 J	<25.0	<25.0	<25.0	<25.0		<u>182,000</u>
Xylenes, Total	<75.0	<75.0	<75.0	230	<75.0	113 J	<75.0	<75.0	<75.0	195	<75.0	<75.0	<75.0	211	<75.0	<75.0	<75.0	<75.0	<75.0	228	194	<75.0	<75.0	<75.0	<75.0	<u>3,960</u>	<u>260,000</u>

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017

**RCLs:** Residual Contaminant Levels

**PID:** Photoionization Detector

**VOCS:** Volatile Organic Compounds

**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)

**J:** Concentration reported between the laboratory method detection limit and the reporting limit.

**NA:** Not Analyzed

**NS:** No Standard

**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**

TABLE 1 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																									NR 720 RCL <sup>1</sup> (µg/kg)			
	B-4A		B-4B		B-4C		B-5		B-6	B-7		B-8		B-9		B-10		B-10A			B-10B			B-10C			Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)	
Sample Depth (feet)	2-4	6-8	2-4	6-8	2-4	6-8	2-4	14-16	2-4	2-4	16-18	2-4	12-14^	2-4	10-12^	2-4	14-16	2-4	6-8	8-10	2-4	6-8	8-10	2-4	6-8	8-10			
Sample Collection Date	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	10/20/16	10/25/16	10/20/16	10/20/16	10/31/16	10/20/16	10/21/16	10/20/16	10/21/16	10/20/16	10/21/16	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17			
PID (instrument units)	1.5	6.9	3.1	5.3	2.8	1.8	25	21	20	25	<5	<5	<5	25	25	10	<5	5.3	1.2	0.9	3.1	7.8	8.5	9.6	6.3	11.4			
Detected VOCs (µg/kg)																													
Benzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>120</u>	<25.0	<25.0	<u>50.2 J</u>	<u>42.5 J</u>	<u>30.2 J</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<u>5.1</u>	<u>1,600</u>
n-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>108,000</u>
sec-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>145,000</u>
Chloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>15.5</u>	<u>159,000</u>
Ethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>1,570</u>	<u>8,020</u>
Isopropylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>268,000</u>
p-Isopropyltoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	73.7	<25.0	<25.0	<u>NS</u>	<u>162,000</u>
Methylene Chloride	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>2.6</u>	<u>61,800</u>
Naphthalene	<40.0	<40.0	<40.0	<40.0	48.0 J	<40.0	134 J	<40.0	68.0 J	52.8 J	<40.0	50.5 J	<40.0	48.9 J	<40.0	125 J	<40.0	<40.0	<40.0	<40.0	<40.0	64.0 J	<40.0	<40.0	<40.0	<40.0	<u>658</u>	<u>5,520</u>	
n-Propylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>264,000</u>
Toluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	33.0 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	49.2 J	<25.0	<25.0	<25.0	30.5 J	55.0 J	<25.0	<25.0	51.5 J	<25.0	<25.0	<u>1,107</u>	<u>818,000</u>
1,1,1-Trichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>140</u>	<u>640,000</u>
Trichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>3.6</u>	<u>1,300</u>
Trichlorofluoromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>1,230,000</u>
1,2,4-TMB	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	37.7 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	41.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	31.5 J	<25.0	<25.0	<u>1,382</u>	<u>219,000</u>
1,3,5-TMB	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		<u>182,000</u>
Xylenes, Total	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	85.3 J	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	103 J	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<u>3,960</u>	<u>260,000</u>

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017

**RCLs:** Residual Contaminant Levels

**PID:** Photoionization Detector

**VOCs:** Volatile Organic Compounds

**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)

**J:** Concentration reported between the laboratory method detection limit and the reporting limit.

**NA:** Not Analyzed

**NS:** No Standard

**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**

TABLE 1 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCs  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																								NR 720 RCL <sup>1</sup> (µg/kg)			
	B-11		B-11A			B-11B			B-11C			B-12		B-13		B-14			B-14A				B-14B				Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)
Sample Depth (feet)	2-4	12-14	0-2	2-4	4-6	0-2	2-4	4-6	2-4	4-6	6-8	2-4	14-16 <sup>^</sup>	2-4	14-16	2-4	14-15	14-16	2-4	4-6	10-12	14-16	2-4	8-10	12-14	14-16		
Sample Collection Date	10/20/16	10/31/16	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	10/20/16	10/21/16	10/20/16	10/25/16	10/20/16	10/31/16	8/7/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17		
PID (instrument units)	28	<5	4.3	9.6	7.6	0	3.6	8.9	4.9	7.4	3.1	30	<5	20	14	20	<5	<5	4.7	7.5	8.5	5.2	0	3.1	0	0		
<b>Detected VOCs (µg/kg)</b>																												
Benzene	<u>56.8 J</u>	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>65.3</u>	<u>92.1</u>	<25.0	<u>51.1 J</u>	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>5.1</u>	<u>1,600</u>
n-Butylbenzene	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	50.4 J	42.6 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>108,000</u>
sec-Butylbenzene	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	53.2 J	34.4 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>145,000</u>
Chloromethane	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	<27.2	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>15.5</u>	<u>159,000</u>
Ethylbenzene	31.4 J	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	29.0 J	<25.0	<25.0	48.9 J	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>1,570</u>	<u>8,020</u>
Isopropylbenzene	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	52.6 J	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>268,000</u>
p-Isopropyltoluene	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	86.2	<25.0	<25.0	<25.0	<25.0	<25.0	NA	<27.2	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>162,000</u>
Methylene Chloride	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	<27.2	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>2.6</u>	<u>61,800</u>
Naphthalene	175 J	<40.0	99.8 J	89.7 J	<40.0	77.8 J	102 J	<40.0	177 J	178 J	137 J	53.0 J	<40.0	47.6 J	<40.0	119 J	155 J	NA	56.8 J	119 J	<40.0	<40.0	<40.0	<40.0	158 J	57.0 J	<u>658</u>	<u>5,520</u>
n-Propylbenzene	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	<27.2	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>264,000</u>
Toluene	144	<25.0	<29.2	27.4 J	<25.0	36.8 J	64.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	101	<25.0	<25.0	57.1 J	33.1 J	<25.0	230	<28.1	<25.0	<25.0	<25.0	56.4 J	<25.0	33.3 J	<u>1,107</u>	<u>818,000</u>
1,1,1-Trichloroethane	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	<27.2	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>140</u>	<u>640,000</u>
Trichloroethene	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	<27.2	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>3.6</u>	<u>1,300</u>
Trichlorofluoromethane	<25.0	<25.0	<29.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA	<27.2	<28.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>NS</u>	<u>1,230,000</u>
1,2,4-TMB	59.8 J	<25.0	43.0 J	84.6	<25.0	39.0 J	56.0 J	<25.0	<25.0	<25.0	41.9 J	<25.0	<25.0	<25.0	<25.0	45.4 J	<25.0	<25.0	138	60.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>1,382</u>	<u>219,000</u>
1,3,5-TMB	<25.0	<25.0	<29.2	34.0 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	71.7 J	43.1 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		<u>182,000</u>
Xylenes, Total	161 J	<75.0	112 J	<75.0	<75.0	<75.0	144 J	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	127 J	<75.0	<75.0	316	134 J	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<u>3,960</u>	<u>260,000</u>

**Notes:**  
 (1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017  
**RCLs:** Residual Contaminant Levels  
**PID:** Photoionization Detector  
**VOCs:** Volatile Organic Compounds  
**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)  
**J:** Concentration reported between the laboratory method detection limit and the reporting limit.  
**NA:** Not Analyzed  
**NS:** No Standard  
**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**

TABLE 1 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																					NR 720 RCL <sup>1</sup> (µg/kg)			
	B-14C				B-15		B-15A				B-15-AA			B-15AAA			B-15B			B-15BB			Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)	
Sample Depth (feet)	2-4	6-8	10-12	14-16	2-4	16-18	2-4	6-8	10-12	14-16	2-4	4-6	6-8	2-4	4-6	6-8	2-4	6-8	10-12	2-4	4-6	6-8			
Sample Collection Date	6/23/17	6/23/17	6/23/17	6/23/17	10/20/16	10/21/16	6/23/17	6/23/17	6/23/17	6/23/17	7/7/17	7/7/17	7/7/17	7/27/17	7/27/17	7/27/17	6/23/17	6/23/17	6/23/17	7/7/17	7/7/17	7/7/17			
PID (instrument units)	3	11	14	2.5	20	<5	5	2	5	5	8.6	14.2	13.6	1.1	8.1	2.4	5	2	5	13.8	4.0	4.7			
<b>Detected VOCs (µg/kg)</b>																									
Benzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>37.1 J</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>5.1</b>	<b>1,600</b>
n-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	69.7 J	71.6	<25.0	<25.0	80.2	<25.0	<25.0	<25.0	<25.0	<25.0	35.8 J	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>NS</b>	<b>108,000</b>
sec-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	48.1 J	<25.0	<25.0	<25.0	52.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	32.3 J	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>NS</b>	<b>145,000</b>
Chloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<27.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>15.5</b>	<b>159,000</b>
Ethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	115	64.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>1,570</b>	<b>8,020</b>
Isopropylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	88.3	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>NS</b>	<b>268,000</b>
p-Isopropyltoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	38.4 J	<25.0	<25.0	<25.0	36.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>NS</b>	<b>162,000</b>
Methylene Chloride	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<27.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	27.0 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>2.6</b>	<b>61,800</b>
Naphthalene	47.0 J	<40.0	<40.0	<40.0	66.2 J	<40.0	512	125 J	<40.0	<40.0	180 J	<40.0	70.6 J	67.1 J	51.9 J	<40.0	85.4 J	<40.0	<40.0	<40.0	<47.7	138 J	<b>658</b>	<b>5,520</b>	
n-Propylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	107	72.2	<25.0	<25.0	41.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>NS</b>	<b>264,000</b>
Toluene	26.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	270	86.0	<25.0	<25.0	81.9	<25.0	41.6 J	28.8 J	<25.0	<25.0	46.5 J	<25.0	<25.0	39.8 J	<29.8	<33.3	<b>1,107</b>	<b>818,000</b>	
1,1,1-Trichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	64.8J	<25.0	<25.0	<25.0	<b>266</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<b>191</b>	<25.0	<25.0	<25.0	<29.8	<33.3	<b>140</b>	<b>640,000</b>	
Trichloroethene	<25.0	<25.0	<25.0	<25.0	<u>46.7 J</u>	<25.0	<b>473</b>	<25.0	<25.0	<25.0	<b>455</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<b>1220</b>	<25.0	<25.0	<25.0	<29.8	<33.3	<b>3.6</b>	<b>1,300</b>	
Trichlorofluoromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<27.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>NS</b>	<b>1,230,000</b>
1,2,4-TMB	27.0 J	<25.0	<25.0	<25.0	<25.0	<25.0	327	63.3 J	<25.0	<25.0	142	<25.0	<25.0	28.1 J	<25.0	<25.0	45.3 J	<25.0	<25.0	<25.0	<25.0	<29.8	<33.3	<b>1,382</b>	<b>219,000</b>
1,3,5-TMB	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	88.1	<25.0	<25.0	<25.0	80.1	<25.0	<25.0	<25.0	<25.0	<25.0	30.9 J	<25.0	<25.0	<25.0	<29.8	<33.3		<b>182,000</b>	
Xylenes, Total	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	703	147 J	<75.0	<75.0	293	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<89.3	<100	<b>3,960</b>	<b>260,000</b>	

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017

**RCLs:** Residual Contaminant Levels

**PID:** Photoionization Detector

**VOCS:** Volatile Organic Compounds

**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)

**J:** Concentration reported between the laboratory method detection limit and the reporting limit.

**NA:** Not Analyzed

**NS:** No Standard

**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**

TABLE 1 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCs  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																									NR 720 RCL <sup>1</sup> (µg/kg)			
	B-15C			B-15CC			B-15CCC			B-16	B-17			B-18			B-19			B-20			B-21			B-22		Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)
Sample Depth (feet)	2-4	6-8	10-12	2-4	4-6	6-8	2-4	4-6	6-8	2-4	2-4	4-6	6-8	2-4	4-6	6-8	2-4	4-6	8-10	2-4	6-8	8-10	2-4	6-8	8-10	2-4	6-8		
Sample Collection Date	6/23/17	6/23/17	6/23/17	7/7/17	7/7/17	7/7/17	7/27/17	7/27/17	7/27/17	10/20/16	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17		
PID (instrument units)	2	5	3	3.0	0.0	3.7	2.0	2.4	1.4	5	9.1	3.4	3.2	7.3	6.2	7.9	7.3	6.7	5.0	0.2	8.6	4.1	6.1	9.7	6.6	11.9	7.6		
Detected VOCs (µg/kg)																													
Benzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	<u>1240</u>	<u>110</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	5.1	1,600
n-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	29.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	108,000
sec-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	145,000
Chloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	78.6 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	15.5	159,000
Ethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	63.3 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,570	8,020
Isopropylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	268,000
p-Isopropyltoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	162,000
Methylene Chloride	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<u>29.9 J</u>	<33.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	2.6	61,800
Naphthalene	47.2 J	139 J	<40.0	51.6 J	<40.0	<40.0	68.1 J	<40.9	122 J	65.8 J	109 J	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	51.7 J	68.7 J	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	658	5,520
n-Propylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	62.1 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	264,000
Toluene	<25.0	75.0	<25.0	<25.0	39.1	<25.0	57.4 J	<25.5	<33.8	43.5 J	73.3	28.1 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	32.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,107	818,000
1,1,1-Trichloroethane	<25.0	38.1 J	<25.0	<25.0	43.6 J	<25.0	<26.6	<25.5	<33.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	140	640,000
Trichloroethene	<u>108</u>	<u>70.9</u>	<25.0	<u>81.2</u>	<u>127</u>	<25.0	<26.6	<25.5	<33.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.6	1,300
Trichlorofluoromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	1,230,000
1,2,4-TMB	<25.0	46.4 J	<25.0	<25.0	<25.0	<25.0	33.2 J	<25.5	<33.8	<25.0	133	44.3 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,382	219,000
1,3,5-TMB	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.6	<25.5	<33.8	<25.0	50.6 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		182,000
Xylenes, Total	<75.0	132 J	<75.0	<75.0	<75.0	<75.0	<79.8	<76.5	<101	<75.0	195 J	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	3,960	260,000

Notes:  
 (1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017  
 RCLs: Residual Contaminant Levels  
 PID: Photoionization Detector  
 VOCs: Volatile Organic Compounds  
 µg/kg: Micrograms per kilogram; equivalent to parts per billion (ppb)  
 J: Concentration reported between the laboratory method detection limit and the reporting limit.  
 NA: Not Analyzed  
 NS: No Standard  
 Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.

TABLE 1 (Continued)  
SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCS  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN  
PROJECT NO. 1E-1704005

Analyte	Sample Location																								NR 720 RCL <sup>1</sup> (µg/kg)				
	B-23				B-23A			B-23B			B-23C			B-24			B-25						B-25A			Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)		
Sample Depth (feet)	2-4	4-6	6-8	12-14	2-4	4-6	6-8	2-4	4-6	6-8	2-4	4-6	6-8	2-4	4-6	8-10	2-4	4-6	6-8	6-8	8-10	10-12	16-18	18-20	2-4			4-6	6-8
Sample Collection Date	7/3/17	7/27/17	7/3/17	7/3/17	7/27/17	7/27/17	7/27/17	7/27/17	7/27/17	7/27/17	7/27/17	7/27/17	7/27/17	7/3/17	7/3/17	7/3/17	7/27/17	7/27/17	7/5/17	7/27/17	7/27/17	7/5/17	7/5/17	7/5/17	7/27/17	7/27/17	7/27/17		
PID (instrument units)	10.9	11.7	13	15	6.5	4.5	3.5	5.3	7.6	4.0	4.0	3.0	7.0	11.3	3.2	8.2	4.1	2.4	3.3	3.3	1.3	3.1	22	22.3	7.1	2.9	5.5		
Detected VOCs (µg/kg)																													
Benzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<u>33.2 J</u>	<u>77.6</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>706</u>	<25.0	<u>5.1</u>	<u>1,600</u>
n-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<27.8	<25.0	<25.0	<25.0	56.0 J	<25.0	<25.0	<25.0	<49.3	<25.0	<u>NS</u>	<u>108,000</u>
sec-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<27.8	<25.0	<25.0	<25.0	34.2 J	<25.0	<25.0	<25.0	<49.3	<25.0	<u>NS</u>	<u>145,000</u>
Chloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<27.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<49.3	<25.0	<u>15.5</u>	<u>171,000</u>
Ethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	44.0 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	239	<25.0	<u>1,570</u>	<u>8,020</u>
Isopropylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<27.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<49.3	<25.0	<u>NS</u>	<u>268,000</u>
p-Isopropyltoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<27.8	<25.0	<25.0	<25.0	48.2 J	<25.0	<25.0	<25.0	<49.3	<25.0	<u>NS</u>	<u>162,000</u>
Methylene Chloride	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>28.6 J</u>	<25.0	<25.0	<25.0	<u>34.7 J</u>	<u>33.5 J</u>	<u>32.0 J</u>	<25.0	<25.0	<25.0	<u>27.8 J</u>	<u>33.0 J</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<49.3	<25.0	<u>2.6</u>	<u>61,800</u>
Naphthalene	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	73.8 J	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	48.5 J	238 J	92.2 J	91.1 J	<u>952</u>	73.8 J	172 J	<40.0	102 J	244 J	132 J	<u>658</u>	<u>5,520</u>
n-Propylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	36.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	87.7 J	<25.0	<u>NS</u>	<u>264,000</u>
Toluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	222	44.2 J	<25.0	<25.0	<25.0	123	<25.0	29.5 J	<u>1720</u>	42.1 J	<u>1,107</u>	<u>818,000</u>
1,1,1-Trichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<27.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<49.3	<25.0	<u>140</u>	<u>640,000</u>
Trichloroethene	<u>51.7 J</u>	<u>34.1 J</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<27.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<49.3	<25.0	<u>3.6</u>	<u>1,300</u>
Trichlorofluoromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	<27.8	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<49.3	<25.0	<u>NS</u>	<u>1,230,000</u>
1,2,4-TMB	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	137	37.5 J	<25.0	36.9 J	<25.0	<25.0	<25.0	29.3 J	204	57.9 J	<u>1,382</u>	<u>219,000</u>
1,3,5-TMB	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.5	45.3 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<49.3	<25.0		<u>182,000</u>
Xylenes, Total	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<76.5	413	94.7 J	<75.0	<75.0	<75.0	<75.0	<75.0	848	142 J	<u>3,960</u>	<u>260,000</u>	

**Notes:**  
 (1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017  
**RCLs:** Residual Contaminant Levels  
**PID:** Photoionization Detector  
**VOCs:** Volatile Organic Compounds  
**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)  
**J:** Concentration reported between the laboratory method detection limit and the reporting limit.  
**NA:** Not Analyzed  
**NS:** No Standard  
**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**



TABLE 1 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCs  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																						NR 720 RCL <sup>1</sup> (µg/kg)					
	B-25B			B-25C			B-26				B-26 (Duplicate)		B-27				B-28			B-29			B-30		Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)		
Sample Depth (feet)	2-4	4-6	6-8	2-4	4-6	6-8	2-4	6-8	10-12	14-16	2-4	14-16	2-4	6-8	10-12	14-16	2-4	6-8	8-10	2-4	6-8	8-10	2-4	6-8				
Sample Collection Date	7/27/17	7/27/17	7/27/17	7/27/17	7/27/17	7/27/17	7/5/17	7/5/17	7/5/17	7/5/17	7/27/17	7/27/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	6/21/17	6/21/17				
PID (instrument units)	3.9	5.0	7.6	2.7	6.5	4.0	6.9	9.9	11.6	11.8	6.9	11.8	1	20	0.1	1.1	5.4	2.5	2.0	0	0	0	2.9	3.1				
Detected VOCs (µg/kg)																												
Benzene	<32.9	<54.4	<25.0	<25.0	<25.0	<u>133</u>	<25.0	<25.0	<25.0	<u>50.7 J</u>	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>97.3</u>	<25.0	5.1	1,600		
n-Butylbenzene	110	<54.4	<25.0	<25.0	<25.0	<32.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	68.1	<25.0	NS	108,000
sec-Butylbenzene	82.7 J	<54.4	<25.0	<25.0	<25.0	<32.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	145,000
Chloromethane	<32.9	<54.4	<25.0	<25.0	<25.0	<32.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	15.5	159,000
Ethylbenzene	44.2 J	<54.4	<25.0	<25.0	<25.0	86.0 J	<25.0	<25.0	<25.0	62.9 J	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	94.7	<25.0	1,570	8,020
Isopropylbenzene	42.9 J	<54.4	<25.0	<25.0	<25.0	44.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	268,000
p-Isopropyltoluene	59.9 J	<54.4	<25.0	<25.0	<25.0	<32.5	<25.0	<25.0	<25.0	37.8 J	<25.0	<25.0	<25.0	12300	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	162,000
Methylene Chloride	<32.9	<54.4	<25.0	<25.0	<u>30.5 J</u>	<u>41.8 J</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>53.7 J</u>	<25.0	2.6	61,800		
Naphthalene	261 J	310 J	<40.0	<40.0	126 J	404	78.4 J	<40.0	<40.0	<u>1350</u>	<40.0	55.7 J	<40.0	<80.1	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	184 J	<40.0	658	5,520
n-Propylbenzene	81.7 J	<54.4	<25.0	<25.0	<25.0	50.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	169	<25.0	NS	264,000
Toluene	111	81.6 J	<25.0	<25.0	87.8	487	<25.0	<25.0	<25.0	149	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	51.6 J	<25.0	1,107	818,000
1,1,1-Trichloroethane	<32.9	<54.4	<25.0	<25.0	<25.0	<32.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	140	640,000
Trichloroethene	<32.9	<54.4	<25.0	<25.0	<25.0	<32.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.6	1,300
Trichlorofluoromethane	<32.9	<54.4	<25.0	<25.0	<25.0	<32.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	1,230,000
1,2,4-TMB	257	90.2 J	29.3 J	<25.0	64.5 J	253	<25.0	<25.0	<25.0	76.8 J	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	211	<25.0	1,382	219,000
1,3,5-TMB	153	70.8 J	<25.0	<25.0	<25.0	74.4 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	132	<25.0		182,000
Xylenes, Total	249 J	192 J	<75.0	<75.0	178 J	791	<75.0	<75.0	<75.0	168 J	<75.0	<75.0	<75.0	<150	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	234	<75.0	3,960	260,000

**Notes:**  
 (1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017  
**RCLs:** Residual Contaminant Levels  
**PID:** Photoionization Detector  
**VOCs:** Volatile Organic Compounds  
**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)  
**J:** Concentration reported between the laboratory method detection limit and the reporting limit.  
**NA:** Not Analyzed  
**NS:** No Standard  
**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**

TABLE 1 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCs  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																		NR 720 RCL <sup>1</sup> (µg/kg)		
	B-31			B-32			B-33		B-34					B-35			B-36			Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)
Sample Depth (feet)	2-4	6-8	8-10	0-2	8-10	10-12	2-4	4-6	2-4	4-6	10-12	14-16	18-20	2-4	4-6	6-8	2-4	4-6	6-8		
Sample Collection Date	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/12/17	7/12/17	7/12/17	7/12/17	7/12/17	7/12/17		
PID (instrument units)	5.4	3.7	3.6	2.6	5.5	6.0	11.9	8.8	11.4	16	17.5	25.1	25.9	1.0	1.7	1.0	13.9	1.7	16.1		
Detected VOCs (µg/kg)																					
Benzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>28.5 J</u>	<u>57.0 J</u>	<25.0	5.1	1,600
n-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	108,000
sec-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	145,000
Chloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	15.5	159,000
Ethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,570	8,020
Isopropylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	268,000
p-Isopropyltoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	162,000
Methylene Chloride	<25.0	<25.0	<25.0	<u>29.9 J</u>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<u>32.6 J</u>	<25.0	<u>37.8 J</u>	<25.0	<u>30.0 J</u>	<u>30.0 J</u>	2.6	61,800
Naphthalene	<40.0	<40.0	<40.0	86.6 J	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	150 J	282 J	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	658	5,520
n-Propylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	264,000
Toluene	<25.0	<25.0	<25.0	73.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	53.8 J	<25.0	<25.0	<25.0	<25.0	<25.0	29.5 J	<25.0	1,107	818,000
1,1,1-Trichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	140	640,000
Trichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.6	1,300
Trichlorofluoromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	64.3 J	31.3 J	<25.0	<25.0	<25.0	NS	1,230,000
1,2,4-TMB	<25.0	<25.0	<25.0	46.2 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,382	219,000
1,3,5-TMB	<25.0	<25.0	<25.0	30.7 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		182,000
Xylenes, Total	<75.0	<75.0	<75.0	158 J	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	3,960	260,000

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017

**RCLs:** Residual Contaminant Levels

**PID:** Photoionization Detector

**VOCs:** Volatile Organic Compounds

**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)

**J:** Concentration reported between the laboratory method detection limit and the reporting limit.

**NA:** Not Analyzed

**NS:** No Standard

**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**

TABLE 1 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED VOCs  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location											NR 720 RCL <sup>1</sup> (µg/kg)	
	B-37		B-38			B-39			B-40			Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)
Sample Depth (feet)	2-4	4-6	2-4	4-6	6-8	2-4	4-6	6-8	2-4	4-6	8-10		
Sample Collection Date	7/12/17	7/12/17	7/12/17	7/12/17	7/12/17	7/12/17	7/12/17	7/12/17	7/27/17	7/27/17	7/27/17		
PID (instrument units)	5.0	13.2	1.6	2.0	0.7	6.8	8.9	10.0	3.1	8.5	1.3		
<b>Detected VOCs (µg/kg)</b>													
Benzene	<u>344</u>	<u>177</u>	<u>312</u>	<u>199</u>	<25.0	<u>256</u>	<25.0	<25.0	<32.9	<26.3	<25.0	<b>5.1</b>	<b>1,600</b>
n-Butylbenzene	<25.0	<25.0	<25.0	<26.3	<25.0	<25.0	<25.0	<25.0	51.9 J	<26.3	<25.0	<b>NS</b>	<b>108,000</b>
sec-Butylbenzene	<25.0	<25.0	<25.0	<26.3	<25.0	<25.0	<25.0	<25.0	42.0 J	<26.3	<25.0	<b>NS</b>	<b>145,000</b>
Chloromethane	<25.0	<25.0	<25.0	<26.3	<25.0	<25.0	<25.0	<25.0	<32.9	<26.3	<25.0	<b>15.5</b>	<b>159,000</b>
Ethylbenzene	35.4 J	<25.0	54.3 J	53.6 J	<25.0	52.5 J	<25.0	<25.0	<32.9	<26.3	<25.0	<b>1,570</b>	<b>8,020</b>
Isopropylbenzene	<25.0	<25.0	<25.0	<26.3	<25.0	<25.0	<25.0	<25.0	<32.9	<26.3	<25.0	<b>NS</b>	<b>268,000</b>
p-Isopropyltoluene	<25.0	<25.0	<25.0	<26.3	452	<25.0	<25.0	<25.0	<32.9	<26.3	<25.0	<b>NS</b>	<b>162,000</b>
Methylene Chloride	<u>29.0 J</u>	<25.0	<u>33.2 J</u>	<u>31.0 J</u>	<u>29.7 J</u>	<25.0	39.5 J	<25.0	<u>39.6 J</u>	<u>36.2 J</u>	<u>33.9 J</u>	<b>2.6</b>	<b>61,800</b>
Naphthalene	45.0 J	<40.0	<40.0	81.2 J	<40.0	72.7 J	<40.0	94.7 J	146 J	54.0 J	55.0 J	<b>658</b>	<b>5,520</b>
n-Propylbenzene	27.3 J	<25.0	28.4 J	<26.3	<25.0	42.4 J	<25.0	<25.0	37.1 J	<26.3	<25.0	<b>NS</b>	<b>264,000</b>
Toluene	53.2 J	<25.0	184	204	<25.0	70.2 J	<25.0	<25.0	90.7	<26.3	<25.0	<b>1,107</b>	<b>818,000</b>
1,1,1-Trichloroethane	<25.0	<25.0	<25.0	<26.3	<25.0	<25.0	<25.0	<25.0	<32.9	<26.3	<25.0	<b>140</b>	<b>640,000</b>
Trichloroethene	<25.0	<25.0	<25.0	<26.3	<25.0	<25.0	<25.0	<25.0	<32.9	<26.3	<25.0	<b>3.6</b>	<b>1,300</b>
Trichlorofluoromethane	<25.0	<25.0	<25.0	<26.3	<25.0	<25.0	<25.0	<25.0	<32.9	<26.3	<25.0	<b>NS</b>	<b>1,230,000</b>
1,2,4-TMB	55.9 J	31.1 J	77.8	68.4 J	<25.0	79.4	<25.0	<25.0	80.4 J	<26.3	<25.0	<b>1,382</b>	<b>219,000</b>
1,3,5-TMB	<25.0	<25.0	32.9 J	<26.3	<25.0	<25.0	<25.0	<25.0	<32.9	<26.3	<25.0		<b>182,000</b>
Xylenes, Total	112 J	<75.0	219	212	<75.0	166 J	<75.0	<75.0	246 J	<78.9	<75.0	<b>3,960</b>	<b>260,000</b>

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017

**RCLs:** Residual Contaminant Levels

**PID:** Photoionization Detector

**VOCs:** Volatile Organic Compounds

**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)

**J:** Concentration reported between the laboratory method detection limit and the reporting limit.

**NA:** Not Analyzed

**NS:** No Standard

**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**

TABLE 2  
SOIL ANALYTICAL RESULTS SUMMARY - DETECTED PAHS  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN  
PROJECT NO. 1E-1704005

Analyte	Sample Location																						NR 720 RCL <sup>1</sup> (µg/kg)			
	B-1		B-1A		B-1B		B-1C		B-2		B-2A		B-2B		B-2C		B-3		Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)						
Sample Depth (feet)	2-4	12-14	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6	2-4	10-12	2-4	4-6	6-8	2-4	4-6			6-8	2-4	4-6	8-10	2-4	14-18*
Sample Date	10/20/16	10/20/16	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	10/20/16	10/21/16	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	10/20/16	10/25/16		
PID (instrument units)	20	<5	3	7	5	3.7	6.7	6.8	6.4	4.6	4.9	15	15	1.2	1.4	1.2	7.6	0.2	7.5	8.4	4.6	4.6	25	25		
Detected PAHs (µg/kg)																										
Acenaphthene	27.8 J	<4.7	32.2	14.9	19.7	14.7 J	23.5 J	8.7 J	54.0	21.0	22.6	50.9 J	<4.7	51.2	8.4	<4.5	92.6	<4.3	<4.3	375	729	109	18.3 J	<4.7	NS	3,590,000
Acenaphthylene	10.3 J	<4.0	<7.4	10.9 J	4.7 J	11.6 J	14.8 J	5.0 J	14.6 J	12.2	15.7	<14.3	<4.0	23.6	4.4	<3.8	54.9	<3.7	<3.7	45.3	252	28.8	27.7	<4.0	NS	NS
Anthracene	123	15.2 J	103	71.9	64.7	57.8	82.9	33.2	111	65.9	90.3	191	<7.0	160	30.4	<6.7	235	<6.4	<6.3	221	1,670	187	92.2	<6.8	196,949	17,900,000
Benzo (a) anthracene	65.4 J	43.0	313	252	198	237	263	115	304	231	261	74.7 J	<3.9	445	86.9	4.0	473	18.3	6.8	559	2,130	409	65.0 J	<3.8	NS	1,140
Benzo (a) pyrene	(308)	(44.6)	(322)	(285)	235	(259)	(282)	126	(312)	(241)	263	(400)	<3.1	477	96.5	<2.9	(416)	19.1	5.4	700	1,710	395	(364)	<3.0	470	115
Benzo (b) fluoranthene	390	58.4	461	449	402	376	427	185	469	358	389	487	<3.4	616	124.0	4.4	578	23.4	8.8	863	1,940	485	503	<3.4	479	1,150
Benzo (g,h,i) perylene	182	32.0	107	84.3	184	102	99.3	46.0	101	78.9	81.3	235	3.4 J	360	79.8	<2.4	128	5.4	3.0	447	514	316	224	<2.4	NS	NS
Benzo (k) fluoranthene	164	25.2	194	139	117	142	150	63.2	163	127	154	216	<3.1	243	51.5	<2.9	238	11.1	3.5	376	927	222	207	<3.0	NS	11,500
Chrysene	338	52.6	297	250	258	232	268	111	276	209	248	447	7.6 J	471	91.9	5.2	476	17.1	9.3	602	2,020	395	407	<4.0	145	115,000
Dibenz (a,h) anthracene	46.9	8.5 J	34.3	30.1	50.9	32.0	31.5	13.1	32.5	25.8	25.9	58.0	<2.7	89	18.8	<2.6	50.3	<2.5	<2.5	113	225	72.1	64.5	<2.7	NS	115
Fluoranthene	705	89.3	786	506	412	488	566	252	662	485	589	948	<6.3	1,050	190.0	6.6	922	11.5	8.5	1,380	4,180	920	576	<6.2	88,878	2,390,000
Fluorene	36.5	<5.1	23.3 J	16.1	21.3	14.4 J	20.9 J	9.4 J	41.2	24.8	20.1	43.4 J	<5.0	52.3	8.9	<4.8	112	<4.6	<4.6	121	936	79	19.1 J	<5.0	14,830	2,390,000
Indeno (1,2,3-cd) pyrene	159	25.8	111	86.6	168	99.8	101	44.7	105	79.6	79.7	214	<2.7	299	63.4	<2.6	134	6.4	2.5	400	570	248	201	<2.6	NS	1,150
1-Methylnaphthalene	46.2	<4.9	<9.0	33.3	10.3 J	23.5 J	32.1	10.2 J	61.5	45.4	19.3	64.5	<4.9	68.8	15.5	<4.7	42.4	<4.5	<4.5	296	382	87	45.6	<4.8	NS	17,600
2-Methylnaphthalene	60.1	<6.1	19.4 J	45.2	12.3 J	38.6	42.8	17.7 J	78.9	65.5	29.2	107	<6.1	91.1	21.3	<5.8	45.5	<5.6	<5.6	387	468	114	58.8	<6.0	NS	239,000
Naphthalene	38.1 J	<10.3	19.5 J	38.8	12.7 J	35.0 J	44.4 J	15.2 J	112	61.9	36.9	93.6 J	<10.2	85.7	22.7	<9.8	64.2	<9.4	<9.4	672	660	210	54.7 J	<10.1	658	5,520
Phenanthrene	340	46.3 J	274	185	248	186	237	106	312	211	252	485	<14.2	478	90.4	<13.6	879	<13.	<12.9	633	5,050	654	308	<14.0	NS	NS
Pyrene	563	83.5	527	374	303	400	470	213	553	414	467	770	<5.5	770	147.0	6.0	791	11.4	7.2	1,090	3,830	770	523	<5.4	54,546	1,790,000

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.

**RCLs:** Residual Contaminant Levels

**PID:** Photoionization Detector

**PAHs:** Polynuclear Aromatic Hydrocarbons

**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)

**J:** Estimated concentration at or above the laboratory limit of detection and below the limit of quantitation.

\* Laboratory analysis for the deep soil samples collected from B-3 and B-6 was conducted outside of the recognized method holding time.

**NS:** No Standard

**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**

**Result shown "(parenthesis / green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.**

TABLE 2 (Continued)  
SOIL ANALYTICAL RESULTS SUMMARY - DETECTED PAHS  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN  
PROJECT NO. 1E-1704005

Analyte	Sample Location																								NR 720 RCL <sup>1</sup> (µg/kg)				
	B-4		B-4A		B-4B		B-4C		B-5		B-6		B-7		B-8		B-9		B-10		B-10A		B-10B		Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)			
Sample Depth (feet)	2-4	14-16	2-4	6-8	2-4	6-8	2-4	6-8	2-4	14-16	2-4	14-16*	2-4	16-18	2-4	12-14	2-4	10-12	2-4	14-16	2-4	6-8	8-10	2-4			6-8	8-10	2-4
Sample Date	10/20/16	10/21/16	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	10/20/16	10/25/16	10/20/16	10/25/16	10/20/16	10/31/16	10/20/16	10/21/16	10/20/16	10/21/16	10/20/16	10/21/16	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17
PID (instrument units)	18	<5	1.5	6.9	3.1	5.3	2.8	1.8	25	21	20	16	25	<5	<5	<5	25	25	10	<5	5.3	1.2	0.9	3.1	7.8	8.5			
Detected PAHs (µg/kg)																													
Acenaphthene	77.2	<4.7	7.4 J	7.6 J	10.1 J	<4.5	<21.2	65.1	14.5 J	<4.2	7.4 J	<4.6	14.7	<4.3	4.3 J	<4.3	20.2	<4.0	33.8	6.5 J	39.4	97.0	21.4	420	<4.5	<4.2	NS	3,590,000	
Acenaphthylene	21.9 J	<4.0	15.5	<3.8	5.1 J	<3.8	<18.0	9.4 J	39.0	<3.6	17.5	<3.9	32.5	<3.6	6.0 J	<3.6	3.7 J	<3.4	18.6 J	5.0 J	59.4	33.6	18.5	316	<3.8	<3.6	NS	NS	
Anthracene	257	<7.0	36.1	10.9 J	26.3	<6.6	35.3 J	169	129	<6.2	48.8	<6.7	86.4	<6.3	21.1	8.3 J	64.4	<5.9	124	22.6 J	136	236	79.4	1,160	<6.6	<6.2	196,949	17,900,000	
Benzo (a) anthracene	71.7 J	<3.9	105	24.9	69.9	<3.6	401	357	134 J	<3.4	68.0 J	<3.7	52.8 J	<3.5	50.5 J	9.0 J	48.9 J	<3.3	125 J	45.0	497	628	218	(1,220)	4.4 J	<3.4	NS	1,140	
Benzo (a) pyrene	<u>831</u>	<3.1	(118)	24.0	62.2	<2.9	<u>603</u>	326	(236)	<2.7	(153)	<3.0	(217)	<2.8	55.5	7.1 J	(137)	<2.6	(438)	43.5	494	614	245	1,010	<2.9	<2.7	470	115	
Benzo (b) fluoranthene	(1,170)	<3.4	166	30.0	89.5	<3.2	<u>999</u>	454	378	<3.1	226	<3.3	299	<3.1	77.4	9.5 J	179	<2.9	<u>665</u>	49.8	<u>749</u>	<u>828</u>	306	(1,200)	<3.3	<3.0	479	1,150	
Benzo (g,h,i) perylene	681	<2.5	95.7	15.7	28.0	<2.3	688	124	118	<2.2	55.2	<2.4	80.3	<2.2	34.3	4.7 J	46.7	<2.1	222	21.2	263	247	211	662	<2.3	<2.2	NS	NS	
Benzo (k) fluoranthene	496	<3.1	70.3	12.5	33.8	<2.9	404	189	137	<2.7	83.5	<3.0	129	<2.8	32.4	4.8 J	77.6	<2.6	255	23.6	264	330	128	543	3.1 J	<2.7	NS	11,500	
Chrysene	<u>849</u>	4.8 J	118	30.4	74.3	<3.9	<u>577</u>	<u>378</u>	<u>343</u>	<3.7	<u>179</u>	<4.0	<u>267</u>	<3.7	67.6	11.4 J	142	3.7 J	<u>490</u>	50.4	<u>586</u>	<u>627</u>	<u>218</u>	<u>1,170</u>	<3.9	<3.6	145	115,000	
Dibenz (a,h) anthracene	(173)	<2.7	21.3	4.2 J	9.4	<2.6	(161)	44.8	32.9	<2.4	21.9	<2.6	30.0	<2.5	9.2	<2.5	15.1	<2.3	72.9	6.0 J	93.3	85.1	45.8	(162)	<2.6	<2.4	NS	115	
Fluoranthene	1,310	<6.4	186	62.9	135	<6.0	453	783	483	<5.7	256	<6.1	455	<5.8	96.3	21.0	319	<5.3	772	94.2	1,020	1,320	490	2,990	<6.0	<5.6	88,878	2,390,000	
Fluorene	68.8	<5.0	6.5 J	7.6 J	9.5 J	<4.8	<22.6	61.2	14.7 J	<4.5	6.0 J	<4.9	15.8	<4.6	<4.4	<4.6	19.3	<4.2	30.4	5.5 J	47.4	77.6	21.9	751	<4.8	<4.5	14,830	2,390,000	
Indeno (1,2,3-cd) pyrene	559	<2.7	71.0	13.0	27.6	<2.5	505	124	97.5	<2.4	59.6	<2.6	83.3	<2.4	28.5	3.8 J	49.2	<2.3	212	19.5	260	257	166	506	<2.5	<2.4	NS	1,150	
1-Methylnaphthalene	69.7	<4.9	28.0	6.8 J	11.9 J	<4.6	27.8 J	31.0 J	79.4	<4.4	63.9	<4.7	45.0	<4.4	24.1	5.5 J	6.8 J	<4.1	124	<4.9	104	49.6	17.1	393	<4.6	<4.3	NS	17,600	
2-Methylnaphthalene	77.4	<6.1	33.6	7.7 J	14.0 J	<5.7	34.7 J	35.2 J	126	<5.4	81.5	<5.9	63.8	<5.5	32.0	8.2 J	8.1 J	<5.1	199	<6.1	123	59.7	22.3	448	6.3 J	<5.4	NS	239,000	
Naphthalene	59.8 J	<10.3	26.0 J	<9.6	11.9 J	<9.7	<46.0	45.4 J	85.4	<9.2	63.4	<9.9	62.1	<9.3	20.6 J	<9.3	9.1 J	<8.6	107	<10.3	111	72.3	17.9	779	<9.7	<9.1	658	5,520	
Phenanthrene	801	<14.2	119	85.3	111	<13.4	168 J	646	360	<12.7	186	<13.7	325	<12.9	85.6	24.0 J	215	<12.0	530	44.4 J	720	896	233	3,400	<13.4	<12.6	NS	NS	
Pyrene	1,130	<5.5	153	51.2	123	<5.2	444	671	475	<4.9	224	<5.3	386	<5.0	93.5	17.2	253	<4.6	638	80.3	777	1,080	365	2,190	<5.2	<4.9	54,546	1,790,000	

Notes:

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.

RCLs: Residual Contaminant Levels

PID: Photoionization Detector

PAHs: Polynuclear Aromatic Hydrocarbons

µg/kg: Micrograms per kilogram; equivalent to parts per billion (ppb)

J: Estimated concentration at or above the laboratory limit of detection and below the limit of quantitation.

\* Laboratory analysis for the deep soil samples collected from B-3 and B-6 was conducted outside of the recognized method holding time.

NS: No Standard

Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.

Result shown "(parenthesis / green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.

TABLE 2 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY - DETECTED PAHS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																								NR 720 RCL <sup>1</sup> (µg/kg)				
	B-10C			B-11		B-11A		B-11B			B-11C		B-12		B-13		B-14		B-14A			B-14B				Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)		
Sample Depth (feet)	2-4	6-8	8-10	2-4	12-14	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	14-16	2-4	14-16	2-4	14-15	2-4	4-6	10-12	2-4			8-10	12-14
Sample Date	10/21/16	6/21/17	6/21/17	10/20/16	10/31/16	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	6/22/17	10/20/16	10/21/16	10/20/16	10/20/16	10/25/16	10/20/16	10/31/16	7/13/17	7/13/17	7/13/17	7/13/17	7/13/17	7/13/17	7/13/17	
PID (instrument units)	9.6	6.3	8.3	28	<5	4.3	9.6	7.6	0	3.6	8.9	5.7	4.9	7.4	30	<5	20	14	20	<5	4.7	7.5	8.5	0	3.1	0	0		
Detected PAHs (µg/kg)																													
Acenaphthene	45.7	<4.5	<4.4	40.9	<4.6	51.4	41.4 J	<4.1	23.3 J	15.1	<4.4	190 J	80.4	<34.9	4.7 J	112	19.6	13.3 J	65.7	189	12.2 J	52.9 J	24.5 J	223	7.0 J	10.9 J	63.1	NS	3,590,000
Acenaphthylene	53.8	<3.8	<3.8	54.5	<3.9	51.0	42.6 J	<3.5	34.9 J	40.4	<3.7	417	64.9	<29.7	14.3	232	10.1 J	<4.0	15.3 J	26.8 J	16.8 J	65.7 J	<8.8	43.8 J	11.7 J	182	8.4 J	NS	NS
Anthracene	126	<6.6	<6.5	155	<6.8	167	69.4 J	<6.1	96.4	85.0	<6.4	1,290	353	82.9 J	32.2	395	72.6	15.8 J	241	347	45.1	166	71.3	528	30.9	274	153	196,949	17,900,000
Benzo (a) anthracene	292	<3.7	<3.6	175 J	<3.8	355	49.0 J	<3.4	399	255	<3.6	(1,760)	301	142	53.0 J	1,010	47.6 J	25.2	119 J	486	93.8	331	487	502	103	972	182	NS	1,140
Benzo (a) pyrene	(238)	<2.9	<2.9	(351)	<3.0	(320)	<21.6	<2.7	(414)	(262)	<2.8	1,020	(321)	149	63.5	1,300	(139)	24.3	650	490	107	331	625	(381)	113	1,210	188	470	115
Benzo (b) fluoranthene	683	<3.3	<3.2	537	<3.4	552	164	3.6 J	565	396	<3.2	(1,900)	424	251	88.8	1,190	176	26.0	818	526	126	317	605	276	132	928	160	479	1,150
Benzo (g,h,i) perylene	18.0	<2.3	<2.3	112	<2.4	179	<17.5	<2.2	156	104	<2.3	325	77.1	89.2	40.4	691	45.7	14.3	228	244	109	272	496	195	94.1	833	124	NS	NS
Benzo (k) fluoranthene	668	<2.9	<2.9	189	<3.0	129	115	<2.7	221	127	<2.8	725	184	70.7 J	41.8	496	83.1	15.7	385	245	102	304	588	372	120	1,080	138	NS	11,500
Chrysene	307	<3.9	<3.8	470	<4.0	376	294	9.0 J	416	272	<3.8	1,550	341	245	88.0	1,060	162	33.7	654	547	128	411	719	515	140	1,030	208	145	115,000
Dibenz (a,h) anthracene	<2.6	<2.6	<2.5	44.5	<2.7	54.1	<19.3	<2.4	53.3	34.8	<2.5	(146 J)	27.4	<20.1	11.5	169	15.9	<2.7	79.7	72.4	33.7	95.3	167	87.8	34.0	305	41.9	NS	115
Fluoranthene	559	<6.	<5.9	730	<6.2	668	401	<5.5	743	415	<5.9	3,990	668	353	121	1,480	363	59.1	1,380	1,200	149	653	845	1,270	186	1,310	497	88,878	2,390,000
Fluorene	29.7	<4.8	<4.7	49.0	<5.0	69.3	68.2 J	<4.4	21.9 J	12.6 J	<4.7	215 J	107	<37.2	<4.6	115	26.5	<5.0	71.3	156	10.9 J	89.2	11.7 J	242	8.7 J	90.9	72.2	14,830	2,390,000
Indeno (1,2,3-cd) pyrene	27.7	<2.5	<2.5	119	<2.6	159	<18.9	<2.3	162	101	<2.5	323	74.8	57.8 J	33.9	562	46.5	11.7	244	224	82.1	222	411	195	82.0	752	107	NS	1,150
1-Methylnaphthalene	239	<4.6	<4.6	258	<4.8	238	288	<4.3	102	156	<4.5	239 J	118	201	29.9	83.0 J	11.0 J	<4.9	32.0 J	77.8 J	199	1,370	19.3 J	132	111	49.7	32.5	NS	17,600
2-Methylnaphthalene	241	<5.8	<5.7	323	<6.0	305	339	<5.3	116	190	<5.6	414	218	308	36.4	131	10.9 J	<6.1	42.9 J	77.0 J	241	1,690	25.0 J	164	140	90.9	39.3	NS	239,000
Naphthalene	211	<9.7	<9.6	242	<10.1	201	120 J	<9.0	116 J	173	<9.5	573 J	505	417	25.9 J	438	14.2 J	<10.3	36.1 J	364	185	1,260	34.8 J	149 J	104	622	73.1	658	5,520
Phenanthrene	687	<13.4	<13.3	849	<13.9	569	115 J	<12.4	481	385	<13.1	6,650	564	299 J	105	851	291	36.8 J	667	1,150	287	1,200	407	1,840	196	809	521	NS	NS
Pyrene	502	<5.2	<5.1	659	<5.4	598	741	9.8 J	633	351	<5.1	3,170	518	935	109	1,750	301	69.5	1,100	1,050	148	600	698	1,010	175	981	443	54,546	1,790,000

**Notes:**  
 (1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.  
 RCLs: Residual Contaminant Levels  
 PID: Photoionization Detector  
 PAHs: Polynuclear Aromatic Hydrocarbons  
 µg/kg: Micrograms per kilogram; equivalent to parts per billion (ppb)  
 J: Estimated concentration at or above the laboratory limit of detection and below the limit of quantitation.  
 \* Laboratory analysis for the deep soil samples collected from B-3 and B-6 was conducted outside of the recognized method holding time.  
 NS: No Standard  
 Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.  
 Result shown "(parenthesis / green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.

TABLE 2 (Continued)  
SOIL ANALYTICAL RESULTS SUMMARY - DETECTED PAHS  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN  
PROJECT NO. 1E-1704005

Analyte	Sample Location																					NR 720 RCL <sup>1</sup> (µg/kg)			
	B-14C				B-15		B-15A				B-15B			B-15C			B-16	B-17			B-18			Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)
Sample Depth (feet)	2-4	6-8	10-12	14-16	2-4	16-18	2-4	6-8	10-12	14-16	2-4	6-8	10-12	2-4	6-8	10-12	2-4	2-4	4-6	6-8	2-4	4-6	6-8		
Sample Date	6/23/17	6/23/17	6/23/17	6/23/17	10/20/16	10/21/16	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	10/20/16	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17		
PID (instrument units)	2	11	14	2.5	20	<5	4.5	1.5	4.5	5.1	4.5	1.5	4.5	1.5	5.3	3.0	5	9.1	3.2	3.4	7.3	7.9	6.2		
Detected PAHs (µg/kg)																									
Acenaphthene	14.4	<4.6	7.3 J	<4.7	5.1 J	<4.7	45.6	<350	<4.5	<4.8	40.0 J	5.6 J	<5.9	10.2 J	136 J	<4.5	5.9 J	124	15.3	<4.6	24.3 J	34.7	11.8 J	NS	3,590,000
Acenaphthylene	20.5	<3.9	<4.1	<4.0	14.3	<4.0	47.2	<297	<3.8	<4.1	67.8	<3.9	<5.0	18.9	<96.1	<3.8	6.3 J	22.5 J	13.1	<3.9	17.0 J	18.9 J	9.4 J	NS	NS
Anthracene	61.4	<6.7	20.3 J	<7.0	25.2	10.4 J	130	655 J	7.7 J	<7.1	134	13.1 J	<8.7	32.5	391 J	<6.5	30.8	261	49.0	<6.8	76.1	119	36.1	196,949	17,900,000
Benzo (a) anthracene	168	<3.7	85.8	15.8	66.2 J	79.6	284	14,500	31.7	12.5 J	368	39.2	9.8 J	168	6,340	5.0 J	65.8 J	450	167	<3.8	265	305	136	NS	1,140
Benzo (a) pyrene	(175)	<3.0	97.8	13.5	101	117	(211)	18,600	29.4	11.8	(287)	39.6	6.4 J	(161)	6,500	3.6 J	74.7	481	234	3.4 J	(371)	373	172	470	115
Benzo (b) fluoranthene	258	<3.3	163	16.4	135	213	321	36,300	53.6	14.9	463	56.0	14.9	255	13,500	7.1 J	106	358	244	3.5 J	352	416	171	479	1,150
Benzo (g,h,i) perylene	107	2.8 J	111	8.0 J	64.7	82.5	53.5	15,800	25.5	8.5	90.2	32.3	5.7 J	60.1	3,150	3.6 J	47.8	348	221	4.0 J	348	315	156	NS	NS
Benzo (k) fluoranthene	78.7	<3.0	53.5	6.4 J	57.7	72.2	115	10,500	20.2	5.9 J	145	20.3	4.7 J	87.3	4,100	<2.9	42.4	467	223	3.3 J	419	394	189	NS	11,500
Chrysene	187	<4.0	131	15.9	119	144	288	23,800	46.0	12.4 J	394	52.3	9.1 J	198	9,450	5.0 J	109	496	232	5.6 J	366	407	184	145	115,000
Dibenz (a,h) anthracene	29.8	<2.6	30.0	<2.7	19.3	27.6	23.1	4,960	7.9 J	<2.8	37.6	8.4 J	<3.4	24.4	1,250	<2.6	13.8	111	69.2	<2.7	113	115	51.9	NS	115
Fluoranthene	324	<6.1	123	33.3	176	113	501	24,800	51.2	22.2	508	74.8	<8.0	284	8,540	<6.0	155	1,060	292	<6.2	487	532	254	88,878	2,390,000
Fluorene	11.4 J	<4.9	7.2 J	<5.1	4.4 J	<5.0	40.1	<373	<4.8	<5.1	25.9 J	<4.9	<6.3	8.8 J	<121	<4.7	7.5 J	170	15.4	<4.9	24.2 J	39.9	11.1 J	14,830	2,390,000
Indeno (1,2,3-cd) pyrene	90.9	<2.6	83.4	6.4 J	55.1	70.6	59.3	14,600	20.8	6.6 J	91.6	25.0	5.0 J	63.7	3,370	2.7 J	39.5	306	181	<2.6	291	275	133	NS	1,150
1-Methylnaphthalene	72.5	4.8 J	62.3	<4.9	29.1	<4.9	522	<362	20.4	<5.0	418	54.3	<6.1	113	201 J	5.0 J	156	159	57.0	<4.8	40.0	61.0	25.2	NS	17,600
2-Methylnaphthalene	89.2	<5.9	77.5	<6.1	36.4	<6.1	633	<451	26.9	<6.2	420	60.3	<7.6	104	211 J	8.7 J	211	250	80.8	<6.0	49.4	75.2	31.0	NS	239,000
Naphthalene	126	<9.9	55.4	<10.3	38.0	<10.2	540	<759	22.6 J	11.5 J	403	44.0	<12.9	73.3	<245	<9.7	181	647	56.5	<10.1	49.0 J	68.7	26.9 J	658	5,520
Phenanthrene	317	<13.8	104	28.0 J	127	55.8	977	4,650	38.3 J	20.2 J	1,250	97.3	<17.8	271	2,440	<13.4	207	898	194	<13.9	324	439	156	NS	NS
Pyrene	258	<5.3	106	30.0	164	91.5	453	18,000	42.3	20.0	505	72.0	<6.9	256	7,000	<5.2	140	951	269	<5.4	435	482	221	54,546	1,790,000

**Notes:**  
(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.  
**RCLs:** Residual Contaminant Levels  
**PID:** Photoionization Detector  
**PAHs:** Polynuclear Aromatic Hydrocarbons  
**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)  
**J:** Estimated concentration at or above the laboratory limit of detection and below the limit of quantitation.  
\* Laboratory analysis for the deep soil samples collected from B-3 and B-6 was conducted outside of the recognized method holding time.  
**NS:** No Standard  
**Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.**  
**Result shown "(parenthesis / green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.**

TABLE 2 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY - DETECTED PAHS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																								NR 720 RCL <sup>1</sup> (µg/kg)		
	B-19			B-20			B-21			B-22		B-23			B-24			B-25				B-26				Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)
Sample Depth (feet)	2-4	4-6	8-10	2-4	8-10	8-10	2-4	6-8	8-10	2-4	6-8	2-4	6-8	12-14	2-4	6-8	8-10	6-8	10-12	16-18	18-20	2-4	6-8	10-12	14-16		
Sample Date	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17		
PID (instrument units)	7.3	5.0	5.0	0.2	4.1	4.1	6.1	6.6	6.6	11.9	7.6	10.9	13	14	11.3	3	8.2	3.3	3.1	23.0	22.3	6.9	9.9	11.6	11.8		
Detected PAHs (µg/kg)																											
Acenaphthene	55.0 J	18.4	<4.7	56.4 J	171 J	26.3 J	11.7 J	<4.8	<4.6	31.2 J	74.0	109 J	<4.1	<4.7	<4.2	73.8	<4.8	46.6 J	40.0	498	35.1	42.7 J	117 J	<5.1	280 J	NS	3,590,000
Acenaphthylene	46.4 J	8.0 J	<4.0	28.3 J	<75.0	13.0 J	6.3 J	<4.1	<3.9	<18.2	25.3	74.9 J	<3.5	<4.0	5.0 J	10.0 J	<4.0	42.7 J	41.0	140 J	<3.8	27.6 J	303	<4.3	172 J	NS	NS
Anthracene	197	51.8	<6.9	180	478	91.8	29.0	<7.0	<6.8	171	187	304	<6.1	<7.0	11.5 J	154	<7.0	188	159	1,110	16.0 J	142	441 J	<7.5	1,980	196,949	17,900,000
Benzo (a) anthracene	803	248	<3.8	429	887	211	192	<3.9	<3.8	469	321	671	5.4 J	<3.9	30.6	220	<3.9	534	283	1,670	18.8	418	1,290	6.6 J	1,870	NS	1,140
Benzo (a) pyrene	<u>1,200</u>	411	<3.0	<u>495</u>	1,020	227	<u>(328)</u>	5.3 J	<3.0	<u>503</u>	337	<u>728</u>	4.2 J	<3.1	31.1	192	<3.1	<u>537</u>	<u>277</u>	<u>1,820</u>	18.2	<u>(413)</u>	<u>1,840</u>	6.3 J	<u>1,430</u>	<u>470</u>	<u>115</u>
Benzo (b) fluoranthene	<u>(1,380)</u>	<u>550</u>	<3.4	<u>483</u>	<u>906</u>	177	358	6.0 J	<3.4	408	302	<u>691</u>	3.6 J	<3.4	25.6	143	<3.5	417	<u>233</u>	<u>1,350</u>	13.0	310	<u>1,450</u>	5.8 J	<u>1,280</u>	<u>479</u>	<u>1,150</u>
Benzo (g,h,i) perylene	1,060	450	<2.5	378	875	157	269	6.3 J	<2.4	271	174	474	2.3 J	<2.5	17.8	88.0	<2.5	394	132	1,340	12.2	275	1,320	4.5 J	890	NS	NS
Benzo (k) fluoranthene	1,040	327	<3.0	431	865	231	319	5.1 J	<3.0	370	266	613	3.7 J	<3.1	29.7	205	<3.1	502	246	1,630	14.9	423	1,760	5.6 J	1,460	NS	11,500
Chrysene	<u>1,090</u>	388	<4.1	<u>493</u>	<u>1,050</u>	<u>242</u>	<u>282</u>	5.0 J	<4.0	<u>545</u>	<u>368</u>	<u>773</u>	6.0 J	<4.1	35.7	<u>237</u>	<4.1	<u>578</u>	<u>308</u>	<u>1,810</u>	19.7	<u>467</u>	<u>2,000</u>	7.5 J	<u>1,850</u>	<u>145</u>	<u>115,000</u>
Dibenz (a,h) anthracene	<u>(345)</u>	135	<2.7	<u>(129)</u>	259	54.1	94.5	<2.8	<2.7	98.3	67.9	<u>(170)</u>	<2.4	<2.7	6.8 J	38.2	<2.7	138	57.4	497	3.6 J	102	398	<2.9	323	NS	115
Fluoranthene	1,230	407	<6.3	962	2,060	495	255	<6.4	<6.2	822	707	1,440	7.7 J	<6.4	49.0	540	<6.4	1,080	551	3,760	45.7	894	4,480	14.1 J	5,340	88,878	2,390,000
Fluorene	53.9 J	19.2	<5.0	64.8 J	275 J	28.9 J	9.4 J	<5.1	<4.9	31.0 J	64.0	119 J	<4.4	<5.0	<4.4	87.3	<5.1	51.5 J	48.4	508	7.5 J	40.1 J	186 J	<5.4	1,210	14,830	2,390,000
Indeno (1,2,3-cd) pyrene	909	358	<2.7	331	696	142	233	4.4 J	<2.6	242	164	433	<2.3	<2.7	16.1	90.4	<2.7	335	130	1,180	10.3	252	1,200	3.8 J	901	NS	1,150
1-Methylnaphthalene	43.4 J	20.2	<4.9	77.0	119 J	12.8 J	26.4	<5.0	<4.8	<22.2	45.4	65.8 J	<4.3	<4.9	5.8 J	36.5	<4.9	<35.4	36.5	280 J	<4.6	205	209 J	<5.3	349 J	NS	17,600
2-Methylnaphthalene	50.8 J	24.5	<6.0	76.4 J	134 J	14.5 J	33.8	<6.2	<6.0	27.9 J	53.3	74.4 J	<5.3	<6.1	7.7 J	48.7	<6.1	<44.0	48.8	270 J	<5.8	290	265 J	<6.6	164 J	NS	239,000
Naphthalene	<72.3	28.5 J	<10.2	62.8 J	<192	23.3 J	25.1 J	<10.4	<10.1	<46.5	48.1 J	117 J	<9.0	<10.3	<9.0	80.5	<10.3	<74.1	62.3 J	568 J	<9.7	187	333 J	<11.1	362 J	658	5,520
Phenanthrene	679	272	<14.1	654	2,180	349	116	<14.4	<13.9	634	718	1,130	<12.4	<14.2	34.7 J	533	<14.3	626	535	3,640	46.5	632	3,650	15.5 J	6,460	NS	NS
Pyrene	1,230	386	<5.5	853	1,880	457	255	<5.6	<5.4	1,090	735	1,330	6.4 J	<5.5	50.7	473	<5.5	953	491	3,170	40.7	769	3,510	11.5 J	3,790	54,546	1,790,000

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.

RCLs: Residual Contaminant Levels

PID: Photoionization Detector

PAHs: Polynuclear Aromatic Hydrocarbons

µg/kg: Micrograms per kilogram; equivalent to parts per billion (ppb)

J: Estimated concentration at or above the laboratory limit of detection and below the limit of quantitation.

\* Laboratory analysis for the deep soil samples collected from B-3 and B-6 was conducted outside of the recognized method holding time.

NS: No Standard

Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.

Result shown "(parenthesis / green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.



TABLE 2 (Continued)  
SOIL ANALYTICAL RESULTS SUMMARY - DETECTED PAHS  
THE COUTURE  
909 EAST MICHIGAN STREET  
MILWAUKEE, WISCONSIN  
PROJECT NO. 1E-1704005

Analyte	Sample Location																									NR 720 RCL <sup>1</sup> (µg/kg)		
	B-27				B-28			B-29			B-30			B-31			B-32			B-33		B-34				Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)	
Sample Depth (feet)	2-4	6-8	10-12	14-16	2-4	6-8	8-10	2-4	6-8	8-10	2-4	6-8	8-10	2-4	6-8	8-10	0-2	8-10	10-12	2-4	4-6	2-4	4-6	10-12	14-16			18-20
Sample Date	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	7/7/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17		
PID (instrument units)	1	20	0	1.1	5.4	2.5	2.0	0	0	0	2.9	3.1	3.1	5.4	3.7	3.6	2.6	6.2	6.0	11.9	10.6	12.4	16	18	25.1	25.9		
Detected PAHs (µg/kg)																												
Acenaphthene	51.9 J	94.7	<4.8	95.1 J	44.7	18.9 J	<22.8	35.2 J	23.1 J	<18.2	33.4	<4.4	<4.6	278	37.7	<4.7	27.9	<4.7	<4.7	<4.3	<17.7	28.1 J	7.4 J	205 J	277 J	7.3 J	NS	3,590,000
Acenaphthylene	59.4 J	125	<5.9	94.9 J	58.1	25.6 J	29.7 J	42.1 J	29.6 J	<22.7	23.1	<3.8	<3.9	<35.3	27.2	<4.0	45.3	<4.0	<4.0	<3.7	128	11.4 J	7.5 J	139 J	112 J	<4.3	NS	NS
Anthracene	63.3 J	85.5	<4.6	738	20.6 J	14.2 J	77.8	92.3	36.2	25.1 J	122	<6.5	<6.7	707	112	<6.8	258	<6.9	<6.9	6.6 J	173	73.4	26.0	1,000	799	<7.4	196,949	17,900,000
Benzo (a) anthracene	24.7 J	51.2 J	<3.9	<38.6	9.2 J	11.5 J	<18.7	22.5 J	26.4	63.6	9.2 J	11.3 J	<3.7	885	324	<3.8	268	<3.8	<3.8	17.8	395	201	67.4	1,380	1,170	10.5 J	NS	1,140
Benzo (a) pyrene	(208)	295	<6.8	1,420	(47.8)	53.6	168	(266)	106	135	(392)	11.7	<3.0	813	355	3.6 J	(343)	<3.0	<3.0	19.7	427	(217)	68.3	1,230	1,190	12.6	470	115
Benzo (b) fluoranthene	777	632	5.4 J	1,150	273	180	434	605	235	339	662	18.6	<3.3	1,050	656	3.8 J	704	<3.4	<3.4	17.5	298	229	54.8	927	892	8.0 J	479	1,150
Benzo (g,h,i) perylene	1,040	665	7.4 J	1,080	435	249	520	790	279	349	72.3	3.9 J	<2.4	539	55.9	<2.4	65.2	<2.4	<2.4	19.9	228	148	41.2	766	733	8.4 J	NS	NS
Benzo (k) fluoranthene	1,160	510	8.2 J	893	598	255	489	739	280	281	178	6.4 J	<3.0	416	198	3.1 J	212	<3.0	<3.0	17.0	439	189	60.6	1,290	966	9.1 J	NS	11,500
Chrysene	1,080	514	9.4	698	327	202	408	810	210	205	349	10.1 J	5.1 J	926	325	4.3 J	443	<4.1	<4.1	24.4	441	259	82.5	1,560	1,270	15.2	145	115,000
Dibenz (a,h) anthracene	911	652	7.6 J	908	(340)	228	523	(792)	244	297	31.6	<2.6	<2.6	(124)	26.2	<2.7	24.9	<2.7	<2.7	5.0 J	92.5	53.6	14.2	288	243	<2.9	NS	115
Fluoranthene	1,040	691	10.2 J	1,200	405	238	554	770	279	365	808	19.8 J	<6.2	2,640	609	7.4 J	705	<6.3	<6.3	34.8	590	423	126	2,970	2,540	19.2 J	88,878	2,390,000
Fluorene	332	168	<2.6	219	123	73.6	146	247	72.6	85.9	40.1	<4.7	<4.9	233	33.8	<5.0	28.0	<5.0	<5.0	<4.6	25.5 J	33.2	5.1 J	380	318 J	<5.4	14,830	2,390,000
Indeno (1,2,3-cd) pyrene	(1,380)	1,410	8.7 J	4,090	381	329	933	(1,390)	487	697	86.0	3.1 J	<2.6	456	70.1	<2.6	63.5	<2.7	<2.7	13.6	227	134	35.8	678	632	6.6 J	NS	1,150
1-Methylnaphthalene	58.3 J	112	<4.9	580	14.0 J	14.4 J	65.7 J	71.6 J	41.0	28.2 J	38.2	<4.6	<4.8	73.0 J	57.9	<4.8	288	<4.8	<4.8	15.3	169	53.3	31.9	132 J	101 J	<5.2	NS	17,600
2-Methylnaphthalene	850	446	6.4 J	644	296	180	352	640	190	194	52.4 B	<5.7	<5.9	80.9 JB	67.6	<6.0	350	<6.0	<6.0	17.4 J	198	61.9	40.9	166 J	121 J	<6.5	NS	239,000
Naphthalene	61.8 J	152 J	<10.0	<98.7	68.0	21.1 J	<47.8	<46.4	37.0 J	44.0 J	51.1	<9.6	<9.9	<90.2	65.3	<10.1	314	<10.2	<10.2	10.8 J	148	41.5 J	28.6 J	<229	330 J	<10.9	658	5,520
Phenanthrene	741	1,120	<13.8	4,270	179	185	678	801	389	394	436	<13.3	<13.8	2,160	486	<14.0	693	<14.0	<14.0	46.4	551	412	132	3,130	2,500	17.0 J	NS	NS
Pyrene	1,210	1,160	8.0 J	3,090	354	286	756	1,100	400	594	609	17.2	<5.3	1,860	520	6.6 J	578	<5.4	<5.4	35.9	594	406	152	2,270	2,140	19.6	54,546	1,790,000

Notes:

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.

RCLs: Residual Contaminant Levels

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\* Laboratory analysis for the deep soil samples collected from B-3 and B-6 was conducted outside of the recognized method holding time.

NS: No Standard

Result shown "underlined / red" exceeds the calculated RCL for the soil to groundwater pathway.

Result shown "(parenthesis / green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.

TABLE 3  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED RCRA METALS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																								NR 720 RCL <sup>1</sup> (mg/kg)		
	B-1		B-1C		B-2		B-2C			B-3		B-4		B-4C		B-5		B-6		B-7		B-8		Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)	Background Threshold Value	
Sample Depth (feet)	2-4	12-14	0-2	2-4	4-6	2-4	10-12	2-4	4-6	6-8	2-4	14-16	2-4	14-16	2-4	14-16	2-4	14-16	2-4	14-16	2-4	16-18	2-4				12-14
Sample Date	10/20/16	10/20/16	6/22/17	6/22/17	6/22/17	10/20/16	10/21/16	6/22/17	6/22/17	6/22/17	10/20/16	10/25/16	10/20/16	10/21/16	6/23/17	6/23/17	10/20/16	10/25/16	10/20/16	10/25/16	10/20/16	10/31/16	10/20/16	10/21/16			
PID (instrument units)	20	<5	6.4	4.6	4.9	15	15	15	15	15	25	25	18	<5	2.8	11.1	25	21	20	16	25	<5	<5	<5			
<b>Detected RCRA Metals (mg/kg)</b>																											
Arsenic	5.5 J	<u>3.1 J</u>	7.2	6.3	<u>6.0</u>	4.9 J	<u>3.9 J</u>	5.3	<u>5.3</u>	<u>4.0 J</u>	6.5	<u>5.8</u>	4.6 J	<u>5.4 J</u>	6.7	<u>7.8</u>	5.8	<u>1.6 J</u>	5.9	<u>1.4 J</u>	3.8 J	<u>3.8 J</u>	<u>9.8</u>	<u>3.1 J</u>	<u>0.584</u>	<u>0.613</u>	<u>8.0</u>
Lead	<u>58.7</u>	20.2	51.0	<u>77.1</u>	<u>57.7</u>	<u>113</u>	17.3	35.9	<u>38.4</u>	<u>84.4</u>	<u>115</u>	7.6	25.6	8.7	<u>230</u>	<u>148</u>	<u>144</u>	2.9	<u>57.5</u>	1.8	22.7	6.3	<u>142</u>	3.5	<u>27</u>	<u>400</u>	<u>52</u>
Mercury	0.10 J	<0.045	NA	NA	NA	0.19	<0.040	NA	NA	NA	<u>0.27</u>	NA	0.047 J	<0.042	NA	NA	<u>0.69</u>	<0.040	0.11 J	NA	0.053 J	<0.038	<u>0.24</u>	<0.039	<u>0.208</u>	<u>3.13</u>	<u>NS</u>
Selenium	<u>65.4 J</u>	<1.3	<1.2	<1.1	<1.2	<u>74.7 J</u>	<1.3	<1.1	<1.0	<1.2	<u>65.0 J</u>	NA	<u>71.7 J</u>	<1.5	<1.2	<1.2	<u>134 J</u>	<1.1	<u>68.0 J</u>	NA	<u>52.8 J</u>	<1.2	<u>50.5 J</u>	<1.2	<u>0.52</u>	<u>391</u>	<u>NS</u>

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.

RCLs: Residual Contaminant Levels

PID: Photoionization Detector

RCRA: Resource Conservation and Recovery Act

mg/kg: Milligrams per kilogram; equivalent to parts per million (ppm)

J: Concentration reported between the laboratory method detection limit and the reporting limit.

NS: No Standard

Background Threshold Value (BTV) applies to industrial and non-industrial direct-contact (upper 4 feet of soil)

Result shown "underlined/red" exceeds the calculated RCL for the soil to groundwater pathway.

Result shown "parenthesis/(green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.

TABLE 3 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED RCRA METALS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location																								NR 720 RCL <sup>1</sup> (mg/kg)		
	B-9		B-10		B-10B			B-11		B-11A			B-12		B-13		B-14		B-14C				B-15		Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)	Background Threshold Value
Sample Depth (feet)	2-4	10-12	2-4	14-16	2-4	6-8	8-10	2-4	12-14	0-2	2-4	4-6	2-4	14-16	2-4	14-16	2-4	14-15	2-4	6-8	10-12	14-16	2-4	16-18			
Sample Date	10/20/16	10/21/16	10/20/16	10/21/16	6/21/17	6/21/17	6/21/17	10/20/16	10/31/16	6/22/17	6/22/17	6/22/17	10/20/16	10/21/16	10/20/16	10/25/16	10/20/16	10/31/16	6/23/17	6/23/17	6/23/17	6/23/17	10/20/16	10/21/16			
PID (instrument units)	25	25	10	<5	3.1	7.8	8.5	28	<5	4.3	9.6	7.6	30	<5	20	14	20	<5	2	11	14	2.5	20	<5			
<b>Detected RCRA Metals (mg/kg)</b>																											
Arsenic	5.5	<u>1.9 J</u>	6.0	<u>2.2 J</u>	5.7	<u>4.7 J</u>	<u>4.1 J</u>	6.5	<u>4.3 J</u>	6.8	<u>8.4</u>	<u>4.9</u>	5.8	<u>7.9</u>	5.5	<u>2.0 J</u>	6.0	<u>5.5 J</u>	<u>56.6</u>	<u>7.0</u>	<6.4	<u>8.1</u>	4.5 J	<u>4.9 J</u>	<u>0.584</u>	<u>0.613</u>	<u>8.0</u>
Lead	51.5	2.7	<u>71.7</u>	15.8	<u>66.2</u>	7.3	7.7	<u>82.9</u>	11.6	<u>117</u>	<u>102</u>	7.5	<u>132</u>	<u>120</u>	<u>59.0</u>	14.8	<u>137</u>	<u>63.6</u>	<u>71</u>	11.1	<u>30.3</u>	<u>24.8</u>	<u>67.5</u>	11.2	<u>27</u>	<u>400</u>	<u>52</u>
Mercury	0.13	<0.035	<u>0.37</u>	0.056 J	0.087	<0.012	<0.011	<u>0.21</u>	<0.040	<u>0.24</u>	0.10	<0.010	0.13	<u>0.84</u>	0.11 J	0.059 J	<u>0.29</u>	<0.040	0.077	<0.012	0.019 J	0.039 J	0.14	<0.041	<u>0.208</u>	<u>3.13</u>	<u>NS</u>
Selenium	<u>48.9 J</u>	<1.1	<u>125 J</u>	<1.2	<1.1	<1.2	<1.1	<u>175 J</u>	<1.3	<1.2	<1.1	<1.0	<u>53.0 J</u>	<u>2.0 J</u>	<u>47.6 J</u>	<1.2	<u>119 J</u>	<1.3	<1.2	<1.3	<6.7	<1.3	<u>66.2 J</u>	<1.3	<u>0.52</u>	<u>391</u>	<u>NS</u>

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.

RCLs: Residual Contaminant Levels

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Background Threshold Value (BTV) applies to industrial and non-industrial direct-contact (upper 4 feet of soil)

Result shown "underlined/red" exceeds the calculated RCL for the soil to groundwater pathway.

Result shown "parenthesis/(green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.

TABLE 3 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED RCRA METALS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704002

Analyte	Sample Location																		NR 720 RCL <sup>1</sup> (mg/kg)				
	B-15A				B-15AA			B-16	B-17			B-18			B-30			B-31			Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)	Background Threshold Value
Sample Depth (feet)	2-4	6-8	10-12	14-16	2-4	4-6	6-8	2-4	2-4	4-6	6-8	2-4	4-6	6-8	2-4	6-8	8-10	2-4	6-8	8-10			
Sample Date	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	6/23/17	10/20/16	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	7/3/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17	6/21/17			
PID (instrument units)	4.5	1.5	4.5	5.1	8.6	14.2	13.6	5	9.1	4.9	3.4	7.3	7.9	6.2	2.9	3.1	3.1	5.4	3.7	3.6			
<b>Detected RCRA Metals (mg/kg)</b>																							
Arsenic	<u>55.2</u>	<u>18.4 J</u>	<u>4.1 J</u>	<u>4.8 J</u>	<u>12.3</u>	<u>8.2</u>	<u>15.8 J</u>	<u>2.1 J</u>	7.0	<u>4.9 J</u>	<u>3.9 J</u>	5.1 J	<u>5.2 J</u>	<u>5.8</u>	5.8	<u>3.1 J</u>	<u>3.1 J</u>	4.6	<u>6.1</u>	<u>3.7 J</u>	<u>0.584</u>	<u>0.613</u>	<u>8.0</u>
Lead	<u>58.7</u>	22.8	8.9	11.6	<u>121</u>	<u>47.1</u>	23	18.6	46.8	<u>44.4</u>	6.7	<u>74.0</u>	<u>73.6</u>	<u>105</u>	<u>97.5</u>	<u>38.8</u>	3.0	36.0	<u>64.7</u>	17.9	<u>27</u>	<u>400</u>	<u>52</u>
Mercury	NA	NA	NA	NA	0.13	<u>0.22</u>	0.024 J	0.047 J	NA	NA	NA	NA	NA	NA	<u>0.64</u>	<u>0.12</u>	<0.012	<u>0.15</u>	<u>1.3</u>	0.037 J	<u>0.208</u>	<u>3.13</u>	<u>NS</u>
Selenium	<1.1	<11.7	<1.2	<1.3	NA	NA	NA	<u>65.8 J</u>	NA	NA	NA	NA	NA	NA	<1.2	<1.2	<1.3	<1.0	<1.2	<1.3	<u>0.52</u>	<u>391</u>	<u>NS</u>

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.

**RCLs:** Residual Contaminant Levels

**PID:** Photoionization Detector

**RCRA:** Resource Conservation and Recovery Act

**mg/kg:** Milligrams per kilogram; equivalent to parts per million (ppm)

**J:** Concentration reported between the laboratory method detection limit and the reporting limit.

**NS:** No Standard

Background Threshold Value (BTV) applies to industrial and non-industrial direct-contact (upper 4 feet of soil)

**Result shown "underlined/red" exceeds the calculated RCL for the soil to groundwater pathway.**

**Result shown "parenthesis /(green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.**

TABLE 3 (Continued)  
 SOIL ANALYTICAL RESULTS SUMMARY-DETECTED RCRA METALS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704002

Analyte	Sample Location										NR 720 RCL <sup>1</sup> (mg/kg)		
	B-32			B-33		B-34					Soil to Groundwater Pathway	Direct-Contact Pathway (Non-Industrial)	Background Threshold Value
Sample Depth (feet)	0-2	8-10	10-12	2-4	4-6	2-4	4-6	10-12	14-16	18-20			
Sample Date	6/21/17	6/21/17	6/21/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17	7/5/17			
PID (instrument units)	2.6	6.2	6.0	11.9	10.6	12.4	16	17.5	25.1	25.9			
<b>Detected RCRA Metals (mg/kg)</b>													
Arsenic	<u>15.4</u>	<u>5.6</u>	<u>5.0 J</u>	6.7	<u>5.5</u>	<u>8.3</u>	<u>10.2</u>	<u>402</u>	<u>70.9</u>	<u>2.1 J</u>	0.584	0.613	8.0
Lead	<u>333</u>	15.7	10.1	<u>59.2</u>	62.2	<u>53.8</u>	<u>70.9</u>	<u>130</u>	<u>148</u>	3.1	27	400	52
Mercury	<u>0.38</u>	0.019 J	<0.013	NA	NA	NA	NA	NA	NA	NA	0.208	3.13	NS
Selenium	<1.2	<1.1	<1.4	<1.2	<1.1	<1.1	<1.2	<1.4	<1.3	<1.3	0.52	391	NS

**Notes:**

(1) Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels from WDNR RCL Spreadsheet updated March 2017.

**RCLs:** Residual Contaminant Levels

**PID:** Photoionization Detector

**RCRA:** Resource Conservation and Recovery Act

**mg/kg:** Milligrams per kilogram; equivalent to parts per million (ppm)

**J:** Concentration reported between the laboratory method detection limit and the reporting limit.

**NS:** No Standard

Background Threshold Value (BTV) applies to industrial and non-industrial direct-contact (upper 4 feet of soil)

**Result shown "underlined/red" exceeds the calculated RCL for the soil to groundwater pathway.**

**Result shown "parenthesis /(green)" exceeds the calculated RCL for the non-industrial land use direct-contact pathway.**

TABLE 4  
 SOIL ANALYTICAL RESULTS SUMMARY - FRESHWATER LEACHED VOCS  
 THE COUTURE  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location				NR 140 <sup>1</sup> PAL (µg/L)
	B-11	B-14A	B-30	B-32	
Sample Depth (feet)	2-4	2-4	2-4	0-2	
Sample Date	8/3/17	8/3/17	8/3/17	8/3/17	
<b>Detected Fresh Water Leached VOCs (µg/L)</b>					
Ethylbenzene	<5.0	<5.0	12.1	<5.0	<b>140</b>
Methylene Chloride	3.8 J	2.8 J	3.1 J	4.3 J	<b>0.5</b>
Toluene	<5.0	<5.0	14.7	<5.0	<b>160</b>
1,2,4-Trimethylbenzene	<5.0	<5.0	6.3 J	<5.0	<b>14.0</b>
Xylenes, Total	<15	<15	54.0	<15	<b>400</b>

**Notes:**

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

**PAL:** Preventive Action Limit

**VOCs:** Volatile Organic Compounds

**µg/L:** Micrograms per Liter; equivalent to parts per billion (ppb)

**J:** Estimated Value. Concentration reported between the laboratory method detection limit and the reporting limit.

**B:** Analyte was detected in the associated method blank

**NS:** No Standard

**Results indicated in blue/parenthesis exceed the WAC NR 140 Preventive Action Limit (PAL)**

TABLE 5  
 SOIL ANALYTICAL RESULTS SUMMARY - FRESHWATER LEACHED PAHS  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location		NR 140 <sup>1</sup> PAL (µg/L)
	B-30	B-32	
Sample Depth (feet)	2-4	6-8	
Sample Date	7/28/17	7/28/17	
<b>Detected Fresh Water Leached PAHs (µg/L)</b>			
Acenaphthene	0.0064 J	<0.0055	NS
Pyrene	0.0073 J	0.0078 J	50

**Notes:**

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

**PAL:** Preventive Action Limit

**PAHs:** Polynuclear Aromatic Hydrocarbons/Volatile Organic Compounds

**µg/L:** Micrograms per Liter; equivalent to parts per billion (ppb)

**J:** Estimated Value. Concentration reported between the laboratory method detection limit and the reporting limit.

**B:** Analyte was detected in the associated method blank

**NS:** No Standard

**Results indicated in blue/parenthesis exceed the WAC NR 140 Preventive Action Limit (PAL)**

TABLE 6  
 SOIL ANALYTICAL RESULTS SUMMARY - FRESHWATER LEACHED ARSENIC  
 909 EAST MICHIGAN STREET  
 MILWAUKEE, WISCONSIN  
 PROJECT NO. 1E-1704005

Analyte	Sample Location			NR 140 <sup>1</sup> PAL (µg/L)
	B-15A	B-34	B-34C	
Sample Depth (feet)	2-4	10-12	10-12	
Sample Date	9/1/17	9/1/17	9/1/17	
<b>Detected Fresh Water Leached ArsenicPAHs (µg/L)</b>				
Arsenic	<0.042	0.012 J	0.095	<b>1.0</b>

**Notes:**

(1): Wisconsin Administrative Code Natural Resources Chapter (NR) 140

**PAL:** Preventive Action Limit

**µg/L:** Micrograms per Liter; equivalent to parts per billion (ppb)

**J:** Estimated Value. Concentration reported between the laboratory method detection limit and the reporting limit.

**B:** Analyte was detected in the associated method blank

**NS:** No Standard

**Results indicated in blue/parenthesis exceed the WAC NR 140 Preventive Action Limit (PAL)**



## **APPENDIX A**

### **Soil Boring Logs (Form 4400-122)**

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-1</b>		
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/20/2016</b>		
WI Unique Well No.			DNR Well ID No.		Common Well Name		
Final Static Water Level <b>Feet MSL</b>			Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>inches</b>		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
1/4 of Section <b>28, T 7 N, R 22 E</b>			Long _____ "		Feet <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	24/48		1	Concrete Slab											
			2	Fine Sandy coarse Gravel (Base Course) - Dry	GW			15							
			3	Brown fine to medium Sand with trace Clay and some fine Gravel - Wet	SW			20							
DP-2	12/48		4	Brown medium Sand with trace Clay and some coarse Gravel - Moist (possible Petroleum Odor)				25							
			7		SW			15							
DP-3			8					15							
			11					0							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>TWB-1A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/22/2017</b>		Date Drilling Completed <b>6/22/2017</b>	
Drilling Method <b>Direct Push</b>			WI Unique Well No.		DNR Well ID No.	
Common Well Name			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>			Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			
Local Grid Location (If applicable)			Lat. _____ ' _____ ''		Long. _____ ' _____ ''	
Facility ID <b>341286220</b>			County <b>Milwaukee</b>		Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
					Concrete Slab											
DP-1		60/22.8		1	Brown and Dark Brown fine to medium Sand, some fine Gravel, trace Fragments of Wood, Brick, and Foundry Slag (Foundry Fill) - Dry	SW			2.7							
			2	7.4												
				3	Brown medium to coarse Sand, trace fine Gravel (native) - Moist	SP			5.4							
			4	5.4												
				5	Brown medium Sand - Moist	SP										
			6													
				7	Wet at 6 feet	SP										
			8													
DP-2		60/31.2		9	Gray Silt - Very Moist	MH			5.3							
			10	7.5												
				10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-1B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/22/2017</b>		Date Drilling Completed <b>6/22/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ ' _____ " _____" Long. _____ ' _____ " _____" Feet <input type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments		
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
					Concrete Slab													
				1	Tan Sand and Gravel granular fill	GW												
DP-1		60/28.8		2	Dark Brown and Black fine to medium Sand, with some fine Gravel, and trace fragments of Glass, Wood, and Slag (Foundry Fill) - Dry	SW			3.7									
				3					6.7									
				4	Brown Silty fine Sand and coarse Gravel (Fill) - Dry	SW												
				5	Dark Brown fine to medium Sand, little fine Gravel, trace fragments of Wood, Glass, and Slag (Foundry Fill) - Moist	SW			6.8									
				6	Brown Silt with trace Brown mottling and trace fine Gravel (native) - Moist													
				7	Became Gray at 7 feet	MH			7.0									
DP-2		60/32.4		8														
				9														
				10	Boring Terminated at 10 feet				5.2									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm **Giles Engineering Associates, Inc.**  
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186 Tel: 262-544-0118  
Fax: 262-549-5868

Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>TWB-1C</b>		
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/22/2017</b>		Date Drilling Completed <b>6/22/2017</b>		
Drilling Method <b>Direct Push</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		
WI Unique Well No.		DNR Well ID No.	Common Well Name		Borehole Diameter <b>2.0 Inches</b>		
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ " _____" Long. _____ ' _____ " _____" <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W				
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments		
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
					Concrete Slab													
				1	Tan Sand and Gravel granular Fill	GW												
DP-1		60/30.4		2	Brown and Dark Brown fine to medium Sand with some fine to coarse Gravel and trace fragments of Wood, Glass, and Foundry Slag (Foundry Fill) - Moist	SW			6.4									
				3					4.6									
				5	Dark Brown medium to coarse Sand with trace fine Gravel (native) - Moist to Wet	SP			4.9									
DP-2		60/33.6		7	Brown Silt (native) - Moist				4.5									
				8	Became Gray at 7 feet	MH												
				9					5.9									
				10	Boring Terminated at 10 Feet													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-2</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/21/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of 1/4 of Section <b>28, T 7 N, R 22 E</b>			Long _____ "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
				Concrete Slab												
DP-1	24/48		1	Fine Sandy coarse Gravel (Base Course) - Dry	GW			0								
			2	Brown Sandy Clay, some coarse Gravel - Moist	CL			15								
DP-2	38/48		4	Gray medium Sand with trace Clay and some coarse Gravel - Moist	SP			25								
			7	Color became Brown at 7 Feet				20								
DP-3	37/48		9	Brown Clay with some medium Sand and trace coarse Gravel - Moist	CL			25								
			11	Brown medium Sand - Wet	SP											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>		License/Permit/Monitoring Number		Boring Number <b>B-2A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )		Local Grid Location (If applicable)	
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Lat. _____ ' _____ ''		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Long. _____ ' _____ ''		Feet _____		Feet _____	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/42		1	Concrete Slab										
			2	Tan Sand and Gravel granular Fill	GW									
			3	Dark Brown and Black fine to medium Sand with some fine to coarse Gravel and trace fragments of Wood and Foundry Slag (Foundry Fill) - Moist	SW		1.3							
DP-2	60/49.2		4											
			5	Brown Silt with lenses of Silt and Clay (Fill) - Moist	MH		1.2							
			6											
DP-3	60/60		7	Brown medium Sand with trace fine Gravel - Moist (native)	SP		1.2							
			8											
			9	Gray Clayey Silt, Very Moist with occasional Wet seams (native)			1.4							
			10											
			11											
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.


Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-2A**

Use only as an attachment to Form 4400-122.

Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			13		MH			1.1						
			14					1.1						
			15	Boring Terminated at 15 Feet										

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-2B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/22/2017</b>	Date Drilling Completed <b>6/22/2017</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ ' _____ " <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
			0	Concrete Slab													
DP-1	60/39.6		1	Brown and Black fine to medium Sand with some fine to coarse Gravel and trace fragments of Glass and Foundry Slag (Foundry Fill) - Dry	SW			6.5									
			2						Dark Brown fine Sandy, Clayey Silt, little fine Gravel (Fill) - Moist	MH		7.6					
			3										Brown fine Sandy Silt with occasional seams of Brown medium Sand (Fill) - Moist	MH			
			4	Brown Clayey fine Sandy Silt with trace fine Gravel (Fill) - Moist	MH		6.9										
			5					Brown medium Sand with little coarse Sand and trace fine Gravel grading to medium to coarse Sand (native) - Moist	SP		6.5						
			6	Gray Silt and Clay grading to Silt (native) - Moist			0.2										
			7														
DP-2	60/26.4		8	Brown medium Sand with little coarse Sand and trace fine Gravel grading to medium to coarse Sand (native) - Moist	SP			6.5									
			9						Gray Silt and Clay grading to Silt (native) - Moist			0.2					
			10														
DP-3	60/36		11	Gray Silt and Clay grading to Silt (native) - Moist				0.2									
			12														


I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-2B**

Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample			Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			13		MH			0.5						
			14											
			15	Boring Terminated at 15 feet										

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>		License/Permit/Monitoring Number		Boring Number <b>B-2C</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/22/2017</b>		Date Drilling Completed <b>6/22/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/38.4		1	Concrete Slab										
			2	Tan Sand and Gravel granular Fill	GW									
			3	Dark Brown and Black fine to medium Sand with some fine to coarse Gravel and occasional seams of Brown Silty Clay. Trace fragments of Wood, Glass, and Foundry Slag (Foundry Fill) - Moist	SW		6.9							
DP-2	60/42		4											
			5	Dark Gray Silty fine Sand with some fine Gravel and trace Foundry Slag (Foundry Fill) - Moist	SP		8.4							
			6	Layered Brown Silt and Clay, Silt, Silty Clay, and Silty Clayey fine Sand with trace fine Gravel (Fill) - Moist	MH		4.3							
DP-3	60/34.8		7	Brown medium Sand (native) - Moist	SP		5.7							
			8	Gray Silt grading to Silt and Clay (native) - Moist			4.6							
			9				3.7							


I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-2C**

Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					P 200	RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
			13 14 15	Wet at 12.5 feet	MH			0.4							
				Boring Terminated at 15 feet				0.4							

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-3</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/25/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat <b>_____ ' _____ "</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of	1/4 of Section	<b>28, T 7 N, R 22 E</b>	Long <b>_____ ' _____ "</b>			
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete Slab											
DP-1	22/48		1	Fine Sandy coarse Gravel (Base Course) - Dry	GW			20							
			2	Brown to Dark Brown fine to medium Sand with trace Clay and some coarse Gravel - Moist				25							
			3												
			4	Trace Black porous fine gravel present (suspected foundry material)				21							
DP-2	20/48		5				SW								
			6	Brown fine to medium Sand with trace Silt - Wet				22							
			7												
			8	Brown Clay with trace Silt - Very Moist				18							
DP-3	17/48		9				SW								
			10					21							
			11				CH								
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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









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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-4</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/21/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>	State Plane <b>N, E S/C/N</b>	1/4 of Section <b>28, T 7 N, R 22 E</b>	Lat _____ ' _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Flow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	23/48		1	Concrete Slab											
			2	Fine Sandy coarse Gravel (Base Course) - Dry	GW			0							
DP-2	0/48		3	Brown fine to medium Sand with trace Clay and some coarse Gravel - Moist	SW			18							
			4	No Recovery											
DP-3	0/48		5												
			6												
			7												
			8												
			9												
			10												
			11												
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
--	---	--

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-4A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/23/2017</b>		Date Drilling Completed <b>6/23/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )		Local Grid Location (If applicable)		Borehole Diameter <b>2.0 Inches</b>	
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Lat. _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
Long. _____"		Feet <input type="checkbox"/> S		Feet <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
		Civil Town/City/ or Village <b>Milwaukee</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete Slab											
DP-1	60/36		1	Brown and Black fine to medium Sand with some fine to coarse Gravel and trace Foundry Slag (Foundry Fill) - Dry	SW			2.1							
			2						1.5						
			3												
DP-2	60/43.2		4	Brown medium Sand with trace coarse Sand to fine Gravel (Fill) - Moist	SP										
			5	Brown Clayey Silt grading to Clay and Silt, trace fine to medium Sand, and trace fine Gravel (Fill) - Moist	MH		3.8								
			6												
			7	Brown medium Sand grading to fine to medium Sand (native) - Moist	SP		4.1								
			8												
	9		10	Boring Terminated at 10 Feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-4B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/23/2017</b>		Date Drilling Completed <b>6/23/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )		Local Grid Location (If applicable)		Borehole Diameter <b>2.0 Inches</b>	
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Lat. _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
Long. _____"		Feet <input type="checkbox"/> S		Feet <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
		Civil Town/City/ or Village <b>Milwaukee</b>			

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				1	Concrete											
DP-1		60/36		2	Dark Brown and Black fine to medium Sand with some fine to coarse Gravel and trace frgments of Wood, Brick, Cinders, and Foundry Slag (Foundry Fill) - Dry	SW			2.9							
				3					3.1							
				4	Brown Silt (Fill) - Moist	MH										
				5	Brown Clayey Silt with lenses of Silty fine Sand with trace coarse Sand (Fill) - Moist	MH			3.6							
				6												
				7					5.3							
DP-2		60/45.6		8	Brown medium Sand with trace coarse Sand and trace coarse Gravel (native) - Moist	SP			3.7							
				9												
				10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-4C</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/23/2017</b>		Date Drilling Completed <b>6/23/2017</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>				Local Grid Location (If applicable) Lat. _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ ' _____ " <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1			1	Concrete Slab											
			2	Tan Sand and Gravel granular Fill Dark Brown and Black fine to medium Sand with some fine to coarse Gravel and trace fragments of Brick and Foundry Slag (Foundry Fill) - Dry	SW			5.8							
			3					2.8							
DP-2			4	Dark Brown Clayey Silty fine to medium Sand with little fine to coarse Gravel and trace Foundry Slag (Foundry Fill) - Moist	SW			6.1							
			5												
			6	Concrete	GP										
DP-3			7	Brown and Black Silty fine to coarse Sand with some coarse Foundry Sand, trace fine to coarse Gravel and trace Glass fragments (Foundry Fill) - Moist	SW			1.8							
			8												
			9					7.2							
			10	Black and White Silty medium Sand (Fill) - Moist	SW										
			11	Brown fine to coarse Gravel with some fine to medium Sand (Fill) - Wet	GW			4.6							
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-5</b>		
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/25/2016</b>		
WI Unique Well No.			DNR Well ID No.		Common Well Name		
Final Static Water Level <b>Feet MSL</b>			Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>inches</b>		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat <b>_____</b> "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E		
1/4 of <b>1/4 of Section 28, T 7 N, R 22 E</b>			Long <b>_____</b> "		Feet <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete Slab											
DP-1	24/48		1	Fine Sandy coarse Gravel (Base Course) - Dry	GW			20							
			2	Brown fine to medium Sand with trace Clay and some fine to coarse Gravel - Moist	SW			25							
DP-2	24/48		5	Brown fine to medium Sand with some Silt and trace coarse Gravel - Moist				20							
			6					22							
DP-3	48/48		9					23							
			10					21							
			11	Wet at 10.8 Feet 3.5" lense of coarse Sand at 11 Feet	SW										
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.



Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-5**

Use only as an attachment to Form 4400-122.

Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-4	48/48		13	Brown and Gray fine to medium Sand with trace fine to coarse Gravel - Wet	SW									
			14	Brown fine Sand with some fine to coarse Gravel - Wet	SP			22						
			15											
			16	Boring Terminated at 16 Feet				21						



Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-6</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/25/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat <b>_____</b> Long <b>_____</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section <b>28, T 7 N, R 22 E</b>						
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	24/48		1	Concrete Slab											
			2	Black fine to medium Sand (suspected foundry material) and trace Wood Fragments - Moist	SP			30							
DP-2	24/48		3	Brown fine to medium Sand with trace Clay and some coarse Gravel - Moist	SW			20							
			4												
			5	Brown fine Sandy Clay - Moist	CH			26							
DP-3	12/48		6	Gray Silt and Clay with trace Black fine to medium Sand (suspected foundry material) - Moist	MH			24							
			7												
			8	Brown fine Sand with trace coarse Gravel - Moist	SP										
			9	Brown Clay and medium to coarse Sand - Moist	SW			22							
			10	Brown Clay - Very Moist	CH			20							
			11												
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-7</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/25/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat <b>_____</b> "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of	1/4 of Section	<b>28, T 7 N, R 22 E</b>	Long <b>_____</b> "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	Feet <input type="checkbox"/> E <input type="checkbox"/> W
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		




Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
				Concrete Slab												
DP-1	24/48		1	Fine Sandy coarse Gravel (Base Course) - Dry	GW			25								
			2													
			3	Black-Brown fine to medium Sand with trace Clay and some coarse Gravel - Wet	SW			25								
			4													
DP-2	18/48		5	Brown fine to coarse Sandy Clay with trace fine to coarse Gravel and trace Wood pieces - Wet	CH			25								
			6													
			7													
			8													
DP-3	32/36		9													
			10													
DP-4	23/60		11	Brown fine to coarse Gravel with some fine Sand - Wet	GW			0								
			12													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-7** Use only as an attachment to Form 4400-122. Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-5	60/60		13	Brown fine to coarse Gravel with some fine Sand - Wet ( <i>continued</i> )	GW			0						
			14											
			15						0					
			16		Brown medium Sand with trace fine Gravel - Wet	SP								
			17	Brown Clay becoming Gray at 18 Feet - Wet	CH			0						
		18												
			19					0						
			20	Boring Terminated at 20 Feet										

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-8</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/21/2016</b>	
Drilling Method <b>Direct Push</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Borehole Diameter <b>inches</b>			
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane <b>N, E S/C/N</b>			Lat <b>_____ ° _____ ' _____ "</b>		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of Section <b>28, T 7 N, R 22 E</b>			Long <b>_____ ° _____ ' _____ "</b>		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

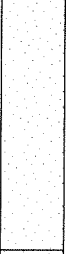

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	24/48		1	Concrete Slab											
			2	Fine Sandy coarse Gravel (Base Course) - Dry	GW			0							
DP-2	31/48		3	Brown Silty Clay with trace fine Sand - Moist	CL			0							
			4												
			5												
DP-3	21/48		6	Brown medium Sand with trace Silt - Moist	SP			0							
			7												
			8	Coarse Gravel - Dry (Rock Fragments)	GP			0							
			9												
			10												
			11												
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-8** Use only as an attachment to Form 4400-122. Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-4	48/48		13	Brown medium Sand with trace Silt - Moist	SP			0						
			14											
			15	Gray medium Sand - Wet	SP			0						
			16	Boring Terminated at 16 Feet										

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-9</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/21/2016</b>	
WI Unique Well No.			DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL			Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section <b>28, T 7 N, R 22 E</b>			Long _____ "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	

Facility ID	County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>
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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	27/48		1	Concrete Slab										
			2	Fine Sandy coarse Gravel (Base Course) - Dry	GW			0						
DP-2	31/48		3	Brown fine to medium Sand with trace Clay and some fine to coarse Gravel and trace Black medium Sand (suspected foundry material) - Moist	SW			25						
			4	Brown medium Sand with trace Clay and some coarse Gravel - Moist	SW			15						
			7	Brown Sandy Clay with trace coarse Gravel - Moist	CL			20						
DP-3	29/48		9	Brown fine to medium Sand - Moist	SP			20						
			10											
			11					25						
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-10</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/21/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>	State Plane	N, E S/C/N	Lat	Local Grid Location	<input type="checkbox"/> N	<input type="checkbox"/> E
1/4 of	1/4 of Section	28, T 7 N, R 22 E	Long	Feet <input type="checkbox"/> S	Feet <input type="checkbox"/> W	Feet <input type="checkbox"/> W
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	18/48		1	Paver Brick										
			2	Fine Sandy coarse Gravel (Base Course) - Dry	GW			15						
DP-2	30/48		3	Brown fine to medium Sand with trace Clay, and some coarse Gravel and Black fine to medium Sand (suspected foundry material) - Moist	SW			10						
			4											
DP-3	8/48		5	Black fine to medium Sand (suspected foundry material) - Moist Brown medium Sand with trace Clay and some coarse Gravel - Moist	SP			25						
			6											
			7											
			8											
			9	Brown Clay with some medium Sand - Moist	CH			20						
			10											
			11											
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>TWB-10A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>	
Drilling Method <b>Direct Push</b>						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.0 Inches	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b> S/C/N			Local Grid Location (If applicable) Lat. _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ ' _____ " <input type="checkbox"/> S <input type="checkbox"/> W			
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		


Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
					Concrete Slab													
				1	Tan Sand and Gravel granular Fill	GW												
DP-1		60/26.4		2	Dark Brown and Black fine to medium Sand with some fine to coarse Gravel and trace Foundry Slag (Foundry Fill) - Dry				2.0									
				3														
				4		SW			5.3									
				5														
				6					1.1									
				7	Brown medium Sand with little fine to coarse Gravel (Fill) - Moist													
DP-2		60/30		8		SP			1.2									
				9														
				10	Brown medium Sand and Fine Gravel (Fill) - Dry	GW			0.9									
				11	Brown and Gray Silt and Clay with trace coarse Sand to fine Gravel (Fill) - Moist	MH												
DP-3		60/38.4		12					3.6									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **TWB-10A** Use only as an attachment to Form 4400-122.

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			13 14 15	Dark Gray fine Sand coarsening to coarse Sand and Gravel - Wet	SP			2.0							
			15	Boring Terminated at 15 feet				2							

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-10B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/21/2017</b>	Date Drilling Completed <b>6/21/2017</b>	Drilling Method <b>Direct Push</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.0 Inches
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>			Local Grid Location (If applicable)		
<b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
					Concrete Slab											
				1	Tan Sand and Gravel granular Fill	GW										
DP-1		60/40.8		2	Dark Brown fine to medium Sand with some fine to coarse Gravel and trace Foundry Slag (Foundry Fill) - Moist	SW			4.3							
				3					3.1							
				4	Brown medium Sand (Fill) - Moist	SP										
				5	Brown Silt with trace coarse Sand and trace Organics (Fill) - Moist				7.1							
				6												
				7		MH			7.8							
DP-2		60/27.6		8												
				9	Reddish Brown coarse Sand - Moist (Fill)	FILL			8.5							
				10	Gray and Brown Clay (Fill) - Moist	CH										
				11	Tan coarse Sand with trace coarse Gravel (Fill) - Wet	SP										
DP-3		60/16.8		12	Gray fine Sand (native) - Wet				4.5							


I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **TWB-10B** Use only as an attachment to Form 4400-122.

Page **2** of **2**

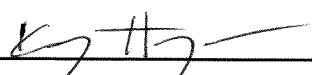
Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			13		SP			3.7							
			14												
			15	Boring Terminated at 15 feet					3.7						

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>TWB-10C</b>		
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>		
Drilling Method <b>Direct Push</b>			WI Unique Well No.		DNR Well ID No.		
Common Well Name			Final Static Water Level Feet MSL		Surface Elevation Feet MSL		
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE</b> 1/4 of <b>SW</b> 1/4 of Section <b>28</b> , T <b>7</b> N, R <b>22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ '' Long. _____ ' _____ ''		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
					Concrete Slab												
DP-1		60/40.8		1	Tan Sand and Gravel granular fill	GW											
				2	Brown fine to medium Sand with some fine Gravel and trace fragments of Glass (Foundry Fill) - Dry	SW			4.3								
				3	Brown Clay (Fill) - Moist	CL			9.6								
				4	Black and Brown fine to coarse Sand, trace Foundry Slag (Foundry Fill) - Moist	SW											
DP-2		60/26.4		5	Brown Clayey Silt with little fine Gravel and trace Foundry Slag (Foundry Fill) - Moist	MH											
				6	Brown Silt and Clay with trace fine Gravel and trace Dark Brown mottling (Fill) - Moist	MH			7.6								
				7	Brown and Gray Silty Clay (Fill) - Moist	CH			6.3								
DP-3		60/44.4		8													
				9	Brown Clayey Silt with trace White/Light Gray mottling (Fill) - Moist	MH			11.4								
				10													
				11													
				12													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm **Giles Engineering Associates, Inc.**  
N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186  
Tel: 262-544-0118 Fax: 262-549-5868

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.





Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-11</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/31/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ " _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of	1/4 of Section	<b>28, T 7 N, R 22 E</b>	Long _____ " _____ "			
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete Slab											
DP-1	28/48		1	Fine Sandy coarse Gravel (Base Course) - Dry	GW			29							
			2	Brown fine to medium Sand with trace Clay and some coarse Gravel - Moist	SW			28							
DP-2	1/1		5	Black Silty fine Sand with trace Clay, trace coarse Gravel, and trace Black fine Gravel (suspected foundry material) - Moist	SM			0							
			6	Brown fine Sand with little fine to coarse Gravel and trace Black fine Gravel (suspected foundry material) - Dry											
DP-3	3/60		7		SP			0							
			8												
			9					0							
			10												
DP-4	42/60		11	Gray-Brown Clayey fine Sand to fine Sandy Clay - Moist	SC			0							
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.






Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-11**

Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Gray Clay - Moist ( <i>continued</i> )	CH									
			13	Brown Clayey, fine to medium Sand - Moist	SC									
				Gray Clay with trace fine Sand - Very Moist to Wet	CH			0						
			14	Brown fine to coarse Sand - Wet	SP									
				Gray fine Sandy Clay, Very Moist, with trace coarse Gravel	CH									
			15	Boring Terminated at 15 Feet				0						

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-11A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/40.8		1	Concrete Slab										
			2	Black medium Sand with little fine Gravel and trace fragments of Glass and Foundry Slag (Foundry Fill) - Dry	SW			4.3						
			3	Brown medium to coarse Sand with little fine Gravel (Fill) - Dry	SP			9.6						
			4	Layered Brown Silt, Brown fine Sand, and Brown and Gray Silty Clay with little fine Gravel to coarse Gravel (Fill) - Moist	SP/MH									
DP-2	60/26.4		5	Brown Silty fine Sand grading to Silt (native) - Moist	SP/MH			7.6						
			6		SP/MH									
			7	Brown Silty fine Sand grading to Silt (native) - Moist	SP/MH			6.3						
DP-3	60/44.4		8	Brown Silty Clay (native) - Moist										
			9		CH			11.4						
			10	Brown fine Sand (native) - Wet										
			11		SP			8.3						
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **TWB-11A** Use only as an attachment to Form 4400-122.

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			13	Brown coarse to very coarse Sand (native) - Wet	SP			5.2						
			14											
			15	Boring Terminated at 15 feet				5.2						

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-11B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Lat. _____"		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Long. _____"		Feet		Feet	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
				Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200					
				Concrete Slab														
DP-1	60/43.2		1	Dark Brown and Black fine to medium Sand with little fine to coarse Gravel and trace fragments of Glass and Foundry Slag (Foundry Fill) - Dry	SW			0										
			2	Brown Silty fine Sand with trace fine to coarse Gravel and trace Gray Silty Clay (Fill) - Moist	SW			3.6										
			3	Brown Silty Clay (Fill) - Moist	CH													
DP-2	60/44.4		4	Brown medium Sand (native) - Moist	SP			8.9										
			5	Brown Clayey Silty fine Sand (native) - Moist	MH													
			6	Brown medium Sand (native) - Moist	SP			4.3										
			7	Brown Clay (native) - Moist	CH													
			8	Brown Clayey Silt (native) - Moist	MH			3.2										
			9															
			10	Boring Terminated at 10 feet														

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-11C</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )		Local Grid Location (If applicable)	
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Lat. _____"		_____ N <input type="checkbox"/> E <input type="checkbox"/>	
Long. _____"		_____ Feet <input type="checkbox"/> S <input type="checkbox"/>		_____ Feet <input type="checkbox"/> W <input type="checkbox"/>	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/27.6		0	Concrete Slab										
			1	Tan Sand and Gravel granular Fill	GW									
			2	Black Silt with some fine Gravel, trace coarse Gravel, and trace fragments of Glass and Foundry Slag (Foundry Fill) - Dry	ML			5.7						
			3	Dark Brown and Black fine to medium Sand with trace Foundry Slag (Foundry Fill) - Moist	SP			4.9						
			4											
DP-2	60/39.6		5	Black and Brown Clayey Silty fine Sand with some fine Gravel and trace coarse Gravel (Fill) - Moist	MH			7.4						
			6											
			7	Brown Silty Clay with trace Brown mottling (Fill) - Moist	CH			3.1						
			8	Black medium Sand with trace Foundry Slag and Cinder (Cinder and Foundry Fill) - Moist	SP									
			9	Brown Clayey Silt (native) - Moist	MH			1.6						
			10	Boring Terminated at 10 feet										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-12</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/21/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____	1/4 of Section <b>28,</b>	<b>T 7 N, R 22 E</b>	Long _____ "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
DP-1	24/48		1	Concrete Slab												
			1.5	Fine Sandy coarse Gravel (Base Course) - Dry	GW			30								
			2.5	Black fine to medium Sand (suspected foundry material) - Moist	SP											
			3.5	Brown fine to medium Sand with trace Clay and some coarse Gravel - Moist	SW			30								
DP-2	0/48		4	No Recovery												
			5													
			6													
			7													
DP-3	0/48		8													
			9													
			10													
			11													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 		Firm <b>Giles Engineering Associates, Inc.</b>		Tel: 262-544-0118	
		<b>N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186</b>		Fax: 262-549-5868	

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-13</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/25/2016</b>	
Drilling Method <b>Direct Push</b>			WI Unique Well No.		DNR Well ID No.	
Common Well Name			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>inches</b>			Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>			Lat _____ "		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of Section <b>28, T 7 N, R 22 E</b>			Long _____ "		<input type="checkbox"/> S <input type="checkbox"/> W	

Facility ID	County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>
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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	24/48		1	Concrete Slab										
			2-4	Brown fine to medium Sand with trace Clay and some coarse Gravel - Moist	SW			30						
DP-2	20/48		5	Became Dark Brown with trace Black fine Gravel (suspected foundry material)										
			6-7	Black fine to medium Sand with trace fine Gravel (suspected foundry material) - Moist	SP			15						
DP-3	17/48		8	Red to Brown coarse to very coarse Sand with little fine Gravel and little Clay. Trace Organics (Roots) present - Wet										
			9		SW			13						
			10-11					15						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
--	---	--

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-14</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/25/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of	1/4 of Section	<b>28, T 7 N, R 22 E</b>	Long _____ "			
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	24/48			Concrete Slab											
			1	Fine Sandy coarse Gravel (Base Course) - Dry	GW			25							
			2	Brown fine to medium Sand with trace Clay and some coarse Gravel	SW			20							
DP-2	12/12		4												
DP-3	24/60		5	Black with some Brown fine to coarse Sand (suspected foundry material) - Dry				5							
			6												
			7					22							
			8												
			9					3							
			10												
DP-4	24/60		11	Brown Clay with trace very coarse Sand - Very Moist	CH			0							
			12	Color became Gray											

I hereby certify that the information on this form is true and correct to the best of my knowledge.


Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-14**

Use only as an attachment to Form 4400-122.

Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			13	Black coarse Sand and fine Gravel - Wet Gray Clay with trace fine to medium Sand - Very Moist	GW			0						
			14		CH									
			15	Black fine Sand - Wet Boring Terminated at 15 Feet	SP			0						

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>TWB-14A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/3/2017</b>		Date Drilling Completed <b>7/3/2017</b>	
Drilling Method <b>Direct Push</b>						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>			Lat. <b>° ' "</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
<b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Long. <b>° ' "</b>			
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete Slab											
DP-1	60/31.2		1	Tan Sand and Gravel granular Fill Dark Brown and Black fine to medium Sand with trace Brown Silty Clay, little fine to coarse Gravel, and trace Foundry Slag (Foundry Fill) - Dry	GW			2.2							
			2		SW			4.7							
			3					7.5							
DP-2	60/25.2		6	Brown Clay and Silt with trace very coarse Sand - Moist	CH			5.5							
			7					9.8							
DP-3	60/22.8		11	Black fine to medium Sand with some Cinders (Cinder Fill) - Wet				8.5							
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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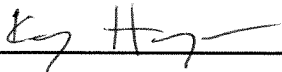


Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>TWB-14B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/3/2017</b>		Date Drilling Completed <b>7/3/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ " _____ " Long. _____ " _____ " Feet <input type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
				0	Concrete Slab												
				1	Tan Sand and Gravel granular Fill	GW			5.2								
DP-1		60/32.4		2	Brown fine to medium Sand with little fine Gravel and trace Brown Silty Clay, trace Wood Fragments and Glass (Fill) - Moist	SP			0								
				3													
				4													
				5	Brown and Dark Brown Silty fine to medium Sand with little fine Gravel and trace Gray Silty Clay (Fill) - Moist	SW			2.3								
DP-2		60/37.2		6													
				7					0								
				8	Brown and Black medium Sand with trace coarse Gravel and trace Foundry Slag (Foundry Fill) - Moist	SP			3.1								
				9													
				10													
				11	Brown Clayey Silt - Moist	MH			0								
DP-3		60/26.4		12													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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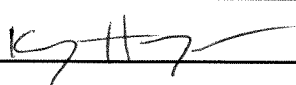


Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>TWB-14C</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/23/2017</b>		Date Drilling Completed <b>6/23/2017</b>	
Drilling Method <b>Direct Push</b>						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.0 Inches	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>			Local Grid Location (If applicable)			
<b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____"		Long. _____"	
Facility ID <b>341286220</b>			County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				0	Concrete Slab											
				1	Tan Sand and Gravel granular Fill	GW			3							
DP-1		60/42		2	Dark Brown and Black fine to medium Sand with trace Glass and Foundry Slag (Foundry Fill) - Dry				2							
				3		SP										
				4												
				5	Reddish Brown Silty Clay with trace Brown mottling				10							
DP-2		60/36		6		CH										
				7					11							
				8	Brown and Black fine to coarse Sand and Gravel (Foundry Fill) - Moist											
				9		SP			18							
				10												
DP-3		60/36		11	Brown to Gray Silty Clay with trace fine to coarse Sand and Gravel (Fill) - Moist											
				12		CH			14							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-15</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/21/2016</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane <b>N, E S/C/N</b>			Lat _____ "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____	1/4 of Section <b>28,</b>	<b>T 7 N, R 22 E</b>	Long _____ "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	Feet <input type="checkbox"/> S <input type="checkbox"/> W

Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		
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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	28/48		1	Concrete Slab											
			2	Fine Sandy coarse Gravel (Base Course) - Dry	GW			25							
			3	Brown fine to medium Sand with trace Clay and some coarse Gravel - Moist	SW										
DP-2	16/48		4	Brown medium Sand - Moist	SP										
			5	Brown medium Sand with trace Clay, some coarse Gravel and some Black fine Gravel (suspected foundry material) - Moist	SW			20							
			6	Black fine to medium Sand (suspected foundry material) - Moist											
DP-3	20/48		7		SP			0							
			8												
			9												
			10					17							
			11	Gray Silty Clay - Wet (possible Petroleum odor)	CH			10							
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 		Firm <b>Giles Engineering Associates, Inc.</b>		Tel: 262-544-0118	
		<b>N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186</b>		Fax: 262-549-5868	

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-15A</b>		
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/23/2017</b>		Date Drilling Completed <b>6/23/2017</b>		
Drilling Method <b>Direct Push</b>			WI Unique Well No.		DNR Well ID No.		
Common Well Name			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		
Borehole Diameter <b>2.0 Inches</b>			Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )				
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____"		Local Grid Location (If applicable)		
			Long. _____"		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete Slab											
DP-1	60/32.4		1	Tan Sand and Gravel granular Fill	GW			2.6							
			2	Dark Brown and Black fine to coarse Sand and little fine to coarse Gravel, trace Foundry Slag (Foundry Fill) - Dry	SW										
DP-2	60/27.6		4	Brown Silt and Silty Clay with trace coarse Sand and trace Dark Brown mottling (Fill) - Moist	MH/CH			3.9							
			5	Black fine to coarse Sand with trace fragments of Brick, Glass, Foundry Slag (Foundry Fill) - Moist	SW										
DP-3	60/42		7					8.0							
			6												
			10	Brown Silt (Fill) - Moist	MH			4.5							
			11	Brown and Gray layered Silt and Silty Clay with lenses of coarse Sand (Fill) - Wet	MH/CH										
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-15AA</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/7/2017</b>	Date Drilling Completed <b>7/7/2017</b>	Drilling Method <b>Direct Push</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ " _____ " _____ " _____ " Long. _____ " _____ " _____ " _____ " Feet <input type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/27.6		1	Concrete Slab											
			2	Tan Sand and Gravel granular Fill	GW										
			3	Black medium Sand with trace Foundry Slag (Foundry Fill) - Dry	SP			14.2							
DP-2	60/25.2		4	Brown Silty Clay (Fill) - Moist	CH										
			5	Black medium Sand with trace Foundry Slag (Foundry Fill) - Dry	SP				8.6						
			6	Black and Rust colored medium Sand with trace lenses of Gray Silty Clay. Trace Foundry Slag and Cinders (Foundry and Cinder Fill) - Moist	SP					14.2					
			7	Brown Clay and Silt with trace coarse Gravel and trace Reddish Brown mottling (Fill) - Moist	CH										
			8	Brown medium Sand (Fill) - Moist	SP										
			9	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-15AAA</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/27/2017</b>		Date Drilling Completed <b>7/27/2017</b>	
WI Unique Well No.		DNR Well ID No.	Common Well Name		Drilling Method <b>Direct Push</b>	
Final Static Water Level <b>Feet MSL</b>			Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>				Local Grid Location (If applicable)		
<b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>				Lat. _____ ° _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ ° _____ ' _____ " <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete Slab											
DP-1	60/24		1	Tan Sand and Gravel granular Fill - Dry	GW			2.5							
			2	Dark Brown Silty fine to medium Sand with little fine Gravel, trace fragments of Glass and Foundry Slag (Foundry Fill) - Dry	SM										
			3						1.1						
DP-2	60/20.4		4	Dark Brown and Black medium Sand (suspected Foundry Material) (Fill) - Moist	SP										
			5	Black and Brown Silty fine to coarse Sand with trace fine Gravel, trace Foundry Sand, Slag, and Wood fragments (Fill) - Moist	SP			8.1							
			6												
			7	Brown Silty Clay, trace Black medium Sand, trace Foundry Slag (Fill) - Moist	CL			2.4							
			8												
			9	Dark Brown and Black medium to coarse Sand with trace fragments of Glass and Foundry Slag (Fill) - Moist	SP			1.5							
			10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-15B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/23/2017</b>		Date Drilling Completed <b>6/23/2017</b>	
Drilling Method <b>Direct Push</b>			WI Unique Well No.		DNR Well ID No.	
Common Well Name			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>			Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )			
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____ ' _____ ''		Local Grid Location (If applicable)	
County <b>Milwaukee</b>			County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	
Facility ID <b>341286220</b>						

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/33.6		1	Concrete Slab											
			2	Tan Sand and Gravel granular Fill Dark Brown and Black Silty fine to medium Sand, trace Foundry Slag (Foundry Fill) - Dry	GW			2.6							
			3	Brown medium to coarse Sand (Fill) - Moist	SW			4.5							
			4	Brown Silty Clay (Fill) - Moist	CH										
			5	Brown Silt (Fill) - Moist	MH			3.9							
DP-2	60/36		6												
			7	Dark Brown/Black Silty fine to coarse Sand, trace Brick (Foundry Fill) - Moist Brown Silt and Clay (Fill) - Moist	SW			1.5							
DP-3	60/22.8		8	Dark Brown and Black Silty fine to coarse Sand with trace fragments of Brick and Foundry Slag (Foundry and Cinder Fill) - Moist	MH										
			9												
			10	Wet at 10 feet	SW			9.0							
			11												
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Boring Number **B-15B**

Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
			13	Gray Silt (native) - Wet	MH			6.0									
			14														
			15									5.1					
			16	Boring Terminated at 16 feet				3.1									

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-15BB</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/7/2017</b>		Date Drilling Completed <b>7/7/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )		Local Grid Location (If applicable)	
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Lat. _____"		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Long. _____"		County <b>Milwaukee</b>		County Code <b>41</b>	
Facility ID <b>341286220</b>		Civil Town/City/ or Village <b>Milwaukee</b>			

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments		
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
					Concrete Slab													
				1	Tan Sand and Gravel granular Fill	GW												
DP-1		60/21.6		2	Brown Silty fine Sand with little fine Gravel (Fill) - Moist	SP			5.4									
				3					13.8									
				4														
				5	Gray fine Gravel and Sand (Fill) - Dry	GW			4.0									
				6	Black and Brown fine to medium Sand with some Silty Clay and trace Foundry Slag and Brick Fragments (Foundry Fill) - Moist	SP			4.7									
DP-2		60/22.8		7														
				8	Brown Silty Clay with trace Foundry material (Fill) - Moist	CH			2.8									
				9														
				10	Boring Terminated at 10 feet													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>		License/Permit/Monitoring Number		Boring Number <b>B-15C</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>6/23/2017</b>		Date Drilling Completed <b>6/23/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )			
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Lat. _____"		Local Grid Location (If applicable)	
Long. _____"		<input type="checkbox"/> N <input type="checkbox"/> E		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/30		1	Concrete Slab										
			2	Tan Sand and Gravel Fill	GW			3.1						
			3	Brown Silty fine to medium Sand (Fill) - Dry	GW									
DP-2	60/32		4	Dark Brown and Black fine to medium Sand, little fine to coarse Gravel, trace fragments of Glass and Foundry Slag (Foundry Fill) - Dry	SW			1.5						
			5	Brick Fragments	SW			8.0						
			6	Dark Brown and Black fine to medium Sand, little fine to coarse Gravel, trace fragments of Glass and Foundry Slag (Foundry Fill) - Dry	SW			5.3						
DP-3	60/38		7	Brown Silty Clay with little fine to coarse Sand and Gravel (Fill) - Moist	CH			4.1						
			8	Fine to coarse Sand and Gravel (Fill) - Dry	GW									
			9	Dark Brown and Black fine to medium Sand, little fine to coarse Gravel, trace fragments of Glass and Foundry Slag				3.0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-15CC</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/7/2017</b>		Date Drilling Completed <b>7/7/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ " <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/30		0	Concrete Slab											
			1	Tan Sand and Gravel granular Fill	GW										
			2	Black and Brown fine to medium Sand with little Silty Clay and little fine to coarse Gravel, trace Foundry Slag and Glass Fragments (Foundry Fill) - Dry	SW		1.6								
DP-2	60/16.8		3					3							
			4												
			5	Brown Silty Clay with trace coarse Sand and Foundry material (Fill) - Moist	CH		0								
			6	Crushed Stone Gravel (Fill) - Dry	GP										
			7	Black and Reddish Brown fine to medium Sand, little fine to coarse Gravel, trace Foundry Slag and Cinders (Foundry and Cinder Fill) -	SP		3.7								
			8	Brown Clay and Silt with trace coarse Sand and Foundry material (Fill) - Moist	CH			4.2							
			10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-15CCC</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/27/2017</b>		Date Drilling Completed <b>7/27/2017</b>	
WI Unique Well No.		DNR Well ID No.	Common Well Name		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____"		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Long. _____"		Borehole Diameter <b>2.0 Inches</b>				
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/27.6		0	Concrete Slab										
			1	Tan Sand and Gravel granular Fill - Dry	GW			1.5						
			2	Dark Brown, Brown, and Black Silty fine to medium Sand with trace Silty Clay, trace fine Gravel, and trace Foundry Sand and Slag (Fill) - Dry	SM			2.0						
DP-2	60/21.6		3	Brown medium Sand with some Black medium Sand and trace Foundry Slag (Foundry Fill) - Moist	SP			2.4						
			4	Brown medium Sand (Fill) - Moist	SP									
			5	Black with little Brown medium to coarse Sand, with some Black Foundry Sand, Slag, and Clinker, trace Glass, and some Cinders (Foundry and Cinder Fill) - Moist	SP			1.4						
			6											
			7											
			8	Dark Gray Clay and Silt, with trace coarse Sand and trace Foundry Slag (Fill) - Moist	CL-MI			1.7						
			9	Boring Terminated at 10 feet										
			10											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Firm **Giles Engineering Associates, Inc.** Tel: 262-544-0118  
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186 Fax: 262-549-5868

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-16</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>10/20/2016</b>		Date Drilling Completed <b>10/20/2016</b>	
Drilling Method <b>Direct Push</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Borehole Diameter <b>inches</b>			
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			Lat _____ "			<input type="checkbox"/> N <input type="checkbox"/> E
1/4 of Section <b>28, T 7 N, R 22 E</b>			Long _____ "			<input type="checkbox"/> S <input type="checkbox"/> W
Facility ID		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	26/48			Concrete Slab											
			1	Fine Sandy coarse Gravel (Base Course) - Dry	GW			10							
			2	Black fine to medium Sand (suspected foundry material) - Moist	SP										
			3	Brown fine to medium Sandy Clay with trace coarse Gravel - Moist	CH			5							
			4												
DP-2			5	Black fine to medium Sand (suspected foundry material)				0							
			6												
			7					0							
			8		SP										
DP-3			9	Trace Wood pieces present from 9 to 10 Feet				0							
			10	No Recovery											
			11	Boring Terminated at 11 Feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.



Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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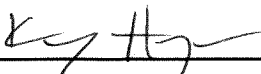


Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-17</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/3/2017</b>		Date Drilling Completed <b>7/3/2017</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Local Grid Location (If applicable) Lat. _____ " _____ " _____ " _____ " _____ " _____ "			Local Grid Location (If applicable) Long. _____ " _____ " _____ " _____ " _____ " _____ "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
			1	Concrete Slab												
DP-1	60/33.6		2	Dark Gray Silty fine to medium Sand with little fine to coarse Gravel and trace Wood, Glass, and Brick Fragments (Fill) - Dry	SW			11.4								
			3					9.1								
			4					4.9								
DP-2	60/36		7	Brown Clay and Silt, laminated (native) - Moist	CH			3.4								
			8					3.2								
			9	Gray at 8.5 feet												
			10	Boring Terminated at 10 feet												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-18</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/3/2017</b>		Date Drilling Completed <b>7/3/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ " <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete Slab											
DP-1	60/27.6		1	Tan Sand and Gravel granular Fill Brown and Dark Brown fine to medium Sand with little fine to coarse Gravel and occasional lenses of coarse Sand. Trace Foundry Slag and Wood Fragments (Fill) - Moist	GW			7.4							
			2												
			3												
			4		SW										
			5					7.9							
			6												
			7												
DP-2	60/26.4		8	Coarse Gravel (Fill) Brown Clay and Silt, laminated (native) - Moist	GP			6.2							
			9		CH										
			10												
				Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-19</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/3/2017</b>		Date Drilling Completed <b>7/3/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ " <input type="checkbox"/> S <input type="checkbox"/> W		Borehole Diameter <b>2.0 Inches</b>	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
		Civil Town/City/ or Village <b>Milwaukee</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/38.4		0	Concrete Slab											
			1	Tan Sand and Gravel granular Fill	GW				12.3						
DP-2	60/39.6		2	Dark Brown Silty fine to medium Sand with little fine to coarse Gravel and trace Foundry Slag, Glass, and Wood Fragments (Fill) - Dry	SW			7.3							
			3												
			5						5.0						
			6	Brown and Gray Silt and Clay (Fill) - Moist	MH										
			7	Brown medium Sand (Fill) - Moist	SP			6.7							
			8	Brown Clay and Silt, laminated (native) - Moist Gray at 8 feet	CH										
			9					5.0							
			10	Boring Terminated at 10 feet											


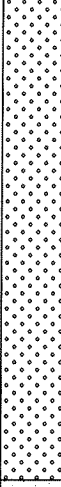


I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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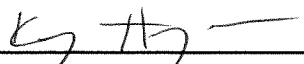
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-20</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/3/2017</b>		Date Drilling Completed <b>7/3/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E		Lat. _____"		Long. _____"	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/32.4		1	Concrete Slab										
			2	Tan Sand and Gravel granular Fill	GW			8.4						
DP-2	60/21.6		3	Dark Brown Silty fine to medium Sand with little Silty Clay and little fine to coarse Gravel and trace Foundry Slag and Glass Fragments (Fill) - Moist					0.2					
			4		SW			8.1						
			5					8.6						
			6	Brown medium Sand (native) - Moist	SP									
7	Gray Silt (native) - Moist													
8		MH			4.1									
9														
10			Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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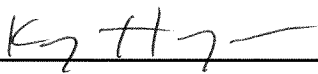
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-21</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/5/2017</b>		Date Drilling Completed <b>7/5/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of SW 1/4 of Section <b>28</b> , T <b>7</b> N, R <b>22E</b>		Lat. _____ "		Long. _____ "	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
				Concrete Slab													
DP-1	60/31.2		1	Tan Sand and Gravel granular Fill	GW			6.7									
			2-6	Brown and Dark Brown fine to medium Sand with little fine to coarse Gravel and little Silty Clay. Trace Foundry Slag and Brick Fragments (Fill) - Dry	SW			6.1									
DP-2	60/40.8		7	Interbedded Brown medium Sand, Brown Silty Clay, and Brown fine Sandy Clay (Fill) - Moist	SP			9.7									
			8	Brown medium Sand with little fine Gravel (native) - Moist	SP												
			9	Brown becoming Gray Clayey Silt (native) - Moist	MH			6.6									
			10	Boring Terminated at 10 feet													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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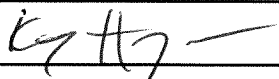
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-22</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/5/2017</b>		Date Drilling Completed <b>7/5/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/36		0-1	Concrete Slab											
			1-5	Tan Sand and Gravel granular Fill Brown and Dark Brown fine to medium Sand with little fine Gravel and trace Foundry Slag, Glass, and Brick Fragments (Fill) - Moist	GW			8							
			5-6	Dark Brown fine to medium Sand and fine Sandy Clay with little fine Gravel (Fill) - Moist	SW			11.9							
DP-2	60/13.2		6-7	Crushed Limestone	SP			15							
			7-10	Boring Terminated at 10 feet	GP			7.6							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-23</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/3/2017</b>		Date Drilling Completed <b>7/3/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ " <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
				Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			0	Concrete Slab											
DP-1	60/22.8		1	Tan Sand and Gravel granular Fill	GW			6.4							
			2	Brown and Dark Brown fine to medium Sand with some Silty Clay and little fine to coarse Gravel, trace Foundry Slag, Brick, and Wood Fragments (Fill) - Moist	SW			10.9							
DP-2	60/14.4		5	Brown medium Sand (Fill) - Moist				11.7							
			7		SP			13							
DP-3	60/44.4		10	Brown medium Sand with trace fine Gravel and trace Wood Fragments (Fill) - Wet				15							
			11		SP			12.3							
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.


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Boring Number **B-23**

Use only as an attachment to Form 4400-122.

Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			13 14 15	Gray Silt and Clay, laminated (native) - Moist	MH			14							
			15	Boring Terminated at 15 feet				14							




Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-23A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/27/2017</b>	Date Drilling Completed <b>7/27/2017</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ " _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ ' _____ " _____ " <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
					Concrete Slab											
				1	Tan Sand and Gravel granular Fill	GW			7.0							
				2	Dark Brown fine to medium Sand, with little Gray Silty Clay, trace fine Gravel, and trace Metal fragments, Brick, and Foundry Slag (Fill) - Dry	SP										
				3	Brown medium Sand (Fill) - Moist	SP										
DP-1	60/28.8			4	Black medium to coarse Sand, with trace fine Gravel (suspected Foundry Material) - Moist	SP			6.5							
				5	Brown medium Sand (Native) - Moist				4.5							
				6												
				7		SP			3.5							
DP-2	60/26.4			8	2" lens of fine Gravel at 8 Feet											
				9												
				10	Boring Terminated at 10 feet				6.7							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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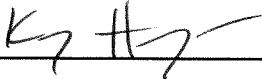
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-23B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/27/2017</b>		Date Drilling Completed <b>7/27/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ ' _____ " <input type="checkbox"/> S <input type="checkbox"/> W		Borehole Diameter <b>2.0 Inches</b>	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
		Civil Town/City/ or Village <b>Milwaukee</b>			

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
					Concrete Slab												
				1	Tan Sand and Gravel granular Fill - Dry	GW			3.0								
DP-1		60/21.6		2	Brown and Black fine to medium Sand, with little fine Gravel, trace Foundry Material and trace Metal fragments (Fill) - Dry												
				3		SP			5.3								
				4													
				5	Reddish Brown Silty Clay, with trace fine Gravel, and trace Wood fragments (Fill) - Moist	CL			7.6								
				6													
				7	Brown medium Sand, with trace fine Gravel (Native) - Moist				4.0								
DP-2		60/30		8		SP											
				9					7.3								
				10	Boring Terminated at 10 feet												



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-23C</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/27/2017</b>		Date Drilling Completed <b>7/27/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E		Lat. _____ "		Long. _____ "	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				0	Concrete Slab											
				1	Tan Sand and Gravel granular Fill	GW			5.7							
DP-1		60/21.6		2	Brown and Dark Brown fine to medium Sand with trace Silty Clay, trace fine to coarse Gravel and trace Foundry Slag (Fill) - Moist	SP			4.0							
				3												
				4												
				5	Dark Brown fine Sandy Clay (Fill) - Moist	CL			3.0							
				6	Black coarse Sand (Foundry Fill) - Dry	SP										
				7	Brown medium Sand (Fill) - Moist	SP										
DP-2		60/26.4		8	Brown Clay and Silt, with trace Wood fragments and lenses of fine Sand (Fill) - Moist	CL-MI			7.0							
				9	Brown medium Sand, with trace fine Gravel (Native) - Moist	SP			5.0							
				10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm **Giles Engineering Associates, Inc.**  
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186 Tel: 262-544-0118  
Fax: 262-549-5868

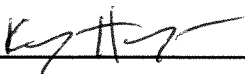
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-24</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/3/2017</b>		Date Drilling Completed <b>7/3/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ " <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/24		1	Concrete Slab										
			2	Tan Sand and Gravel granular Fill Dark Brown fine to medium Sand with little fine to coarse Gravel, trace Brick Fragments (Fill) - Dry	GW			6.1						
			3	Coarse Gravel (Fill) - Wet	GP			11.3						
DP-2	60/14.4		4	Brown medium Sand with some Silty Clay and little fine to coarse Gravel (Fill) - Moist	SP									
			5	Gray fine Sand and Gravel (Fill) - Wet	GW			12.7						
			6	Brown and Gray Silt with trace coarse Sand (Fill) - Wet	MH			3.2						
DP-3	60/12		7											
			8	Brown coarse Sand and fine Gravel (Fill) - Wet	GW			8.2						
			9											
			10											
			11	Refusal at 11 feet (Wood Plank) Boring Terminated at 11 feet				10.8						

I hereby certify that the information on this form is true and correct to the best of my knowledge.


Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-25</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/5/2017</b>		Date Drilling Completed <b>7/5/2017</b>	
Drilling Method <b>Direct Push</b>						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ ' _____ " <input type="checkbox"/> S <input type="checkbox"/> W		Borehole Diameter <b>2.0 Inches</b>	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/24		1	Concrete Slab										
			2	Tan Sand and Gravel granular Fill	GW			4.1						
			3	Dark Brown and Black fine to medium Sand with little fine Gravel and trace Foundry Slag, Brick, and Glass Fragments (Foundry Fill) - Moist	SW			4.1						
DP-2	60/13.2		4	Brown Silty Clay (Fill) - Moist	CH									
			5	Dark Brown and Black fine to medium Sand with little fine Gravel and trace Foundry Slag, Brick, and Glass Fragments (Foundry Fill) - Moist				2.4						
			6		SW			3.3						
DP-3	60/31.2		7					1.3						
			10	Black and Brown very coarse Sand and fine to coarse Gravel, trace Glass and Brick Fragments (Fill) - Wet				3.1						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-25A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/27/2017</b>	Date Drilling Completed <b>7/27/2017</b>	Drilling Method <b>Direct Push</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>			Local Grid Location (If applicable)		
<b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____ "	<input type="checkbox"/> N <input type="checkbox"/> E	
			Long. _____ "	<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
					Concrete Slab												
DP-1		60/21.6		1	Tan Sand and Gravel granular Fill - Dry	GW			10.8								
				2	Brown and Dark Brown fine to medium Sand with little Silty Clay, little fine Gravel and trace Foundry Material (Fill) - Moist				7.1								
				3													
				4													
				5		SP			2.9								
				6													
				7					5.5								
DP-2		60/13.2		8	Brown Coarse Gravel - Dry	GP											
					Refusal on a Rock at 8 Feet				3.6								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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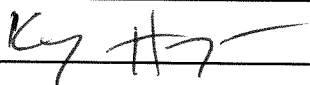
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-25B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/27/2017</b>		Date Drilling Completed <b>7/27/2017</b>	
Drilling Method <b>Direct Push</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
WI Unique Well No.		DNR Well ID No.	Common Well Name		Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )						
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____ ' _____ "		Local Grid Location (If applicable)	
			Long. _____ ' _____ "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
					Concrete Slab											
				1	Tan Sand and Gravel granular Fill - Dry	GW			3.6							
DP-1		60/25.2		2	Dark Brown and Black Silty fine to medium Sand, with trace fine Gravel, Glass fragments, and trace lenses of Reddish Brown Silty Clay (Fill) - Moist	SM										
				3	Black fine to medium Sand, with trace coarse Sand, and trace Foundry Clinker (Foundry Fill) - Dry				3.9							
				4												
				5		SP			5.0							
				6												
				7	Brown fine Sand and Brown fine Sandy Silt, with trace fine Gravel (Fill) - Moist	SP			7.6							
DP-2		60/15.6		8	Black fine to medium Sand, with trace coarse Sand, and trace Brick fragments (Foundry Fill) - Moist	SP			4.0							
				9												
				10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-25C</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/27/2017</b>	Date Drilling Completed <b>7/27/2017</b>	Drilling Method <b>Direct Push</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE</b> 1/4 of <b>SW</b> 1/4 of Section <b>28</b> , T <b>7</b> N, R <b>22E</b>		Local Grid Location (If applicable) Lat. _____ ' _____ " Long. _____ ' _____ "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>	County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>		

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
				0	Concrete Slab												
				1	Tan Sand and Gravel granular Fill	GW			2.3								
				2	Black and Brown medium Sand with trace Foundry Materials (Fill) - Moist												
DP-1		60/25.2		3		SP			2.7								
				4													
				5	Black Silt, fine to coarse Sand, trace Gray Silt lenses, trace fine to coarse Gravel and trace Foundry Clinker (Fill) - Moist	SM			6.5								
				6	Black medium to coarse Sand and Foundry Sand, Slag, Clinker, and Cinders (Foundry and Cinder Fill) - Moist												
				7					4.0								
DP-2		60/9.6		8		SP											
				9					4.0								
				10	Boring Terminated at 10 feet												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-26</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/5/2017</b>		Date Drilling Completed <b>7/5/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ ' _____ " _____ "		Borehole Diameter <b>2.0 Inches</b>	
County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	
Facility ID <b>341286220</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/33.6		1	Concrete Slab											
			2	Dark Brown, Brown, and Black fine to medium Sand with little fine to coarse Gravel, and trace Foundry Slag and Glass Fragments (Fill) - Dry	SW			2.4							
			3					6.9							
DP-2	60/33.6		4	Brown medium Sand (Fill) - Moist	SP			2.6							
			5												
			6	Black and Brown fine to coarse Sand and trace fine Gravel, some Cinders and Foundry Slag (Foundry and Cinder Fill) - Moist	SW			9.9							
DP-3	60/24		7	Brown Silty Clay with trace fine Gravel, trace Foundry Sand, and trace metal pieces (Fill) - Moist	CH			10.7							
			8												
			9	Brown fine to coarse Gravel (Fill) - Wet	GW			11.6							
			10	Brown and Gray fine Sandy Clay and very											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-27</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/7/2017</b>		Date Drilling Completed <b>7/7/2017</b>	
Drilling Method <b>Direct Push</b>			WI Unique Well No.		DNR Well ID No.	
Common Well Name			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE</b> 1/4 of <b>SW</b> 1/4 of Section <b>28</b> , T <b>7</b> N, R <b>22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ " Long. _____ ' _____ "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Borehole Diameter <b>2.0 Inches</b>		Facility ID <b>341286220</b>		County <b>Milwaukee</b>		Civil Town/City/ or Village <b>Milwaukee</b>

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
DP-1	60/25.2		0	Concrete Slab												
			1	Tan Sand and Gravel granular Fill	GW											
DP-1	60/25.2		2	Brown and Dark Brown fine to medium Sand with little fine to coarse Gravel, trace Foundry Slag and Glass and Wood Fragments (Foundry Fill) - Moist	SW			2.5								
			3													
			4													
			5					2" lens of Crushed Stone								
DP-2	60/19.2		6		GP			1.1								
			7													
DP-2	60/19.2		8	Crushed Stone Gravel (Fill) - Dry				20								
			9	Brown Silty Clay with trace coarse Gravel (Fill) - Moist	CH				1							
DP-3	60/25.2		10		CH											
			11													
			12					0								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-28</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/7/2017</b>		Date Drilling Completed <b>7/7/2017</b>	
Drilling Method <b>Direct Push</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
WI Unique Well No.		DNR Well ID No.	Common Well Name		Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>			Local Grid Location (If applicable)			
NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E			Lat. _____ ' _____ ''		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/31.2		1	Concrete Slab										
			2	Tan Sand and Gravel granular Fill	GW									
DP-2	60/32.4		3	Black and Brown fine to medium Sand with little fine to coarse Gravel and little Brown Silty Clay. Trace Foundry Slag and Brick Fragments (Foundry Fill) - Moist	SW				5.4					
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			9	Brown Silty Clay (Fill) - Moist	CH			2.0						
			10	Boring Terminated at 10 feet										

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-29</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/7/2017</b>		Date Drilling Completed <b>7/7/2017</b>	
Drilling Method <b>Direct Push</b>						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ " _____ " Long. _____ " _____ "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>	County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/30		0	Concrete Slab											
			1	Tan Sand and Gravel granular Fill	GW										
DP-2	60/26.4		2	Brown and Black fine to medium Sand, little fine to coarse Gravel and occasional lenses of Brown medium Sand. Trace Foundry Slag, Glass, and Brick (Foundry Fill) - Dry becoming Moist	SW			0							
			3					0							
			4					0							
			5					0							
			6					0							
			7					0							
			8	Brown and Gray Silty Clay with trace fine to coarse Gravel, occasional lenses of Brown medium Sand, and trace Wood Fragments (Fill) - Moist	CH					0					
			9												
			10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-30</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>	
Drilling Method <b>Direct Push</b>			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.		DNR Well ID No.	Common Well Name		Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>			Lat. _____"		Local Grid Location (If applicable)	
<b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Long. _____"		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/36		1	Concrete Slab											
			2	Dark Brown Silty fine to medium Sand with some fine Gravel and trace Glass and Foundry Slag (Foundry Fill) - Dry	SW			3.4							
DP-2	60/26.4		3	Brick Fragments	GP										
			4	Brown Silty fine to medium Sand with some fine Gravel and trace lenses of Silty Clay (Fill) - Moist	SW			2.9							
			5					0							
			6	Brown Silty Clay and fine Sand (Fill) - Moist	CH			3.1							
			7												
			8	Brown fine Sand (Fill) - Moist	SP										
			9	Brown Silty Clay (Fill) - Moist	CH										
			10	Brown medium Sand (native) - Moist	SP			3.1							
			10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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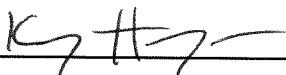


Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-31</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>	
Drilling Method <b>Direct Push</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ " _____" Long. _____ ' _____ " _____"		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/16.8		1	Concrete Slab										
			2	Tan Sand and Gravel granular Fill Dark Brown fine to medium Sand and fine Gravel (Fill) - Dry	GW			1.4						
DP-2	60/30		3		SW			5.4						
			5	Black Silty fine Sand, trace lenses of Clay and little fine Gravel, trace fragments of Glass and Wood (Fill) - Dry	SW			5.4						
			7	Reddish Brown and Dark Brown medium Sand with little fine Gravel (Fill) - Moist	SP			3.7						
			9	Brown Clay and Silt with little fine Gravel (Fill) - Moist	MH			3.6						
			10	Boring Terminated at 10 feet										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm **Giles Engineering Associates, Inc.** Tel: 262-544-0118  
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186 Fax: 262-549-5868

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture</b>			License/Permit/Monitoring Number		Boring Number <b>B-32</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>6/21/2017</b>		Date Drilling Completed <b>6/21/2017</b>	
Drilling Method <b>Direct Push</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ " _____" Long. _____ ' _____ " _____" <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W			
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
					Concrete Slab												
				1	Black fine Sand (Foundry Fill) - Dry	SP			2.6								
DP-1		60/36		2-3	Brown medium Sand with trace fine Gravel and trace lenses of Silty Clay (Fill) - Moist	SW			8.4								
				5-6	Brown Silty fine Sand with some lenses of medium to coarse Sand (Fill) - Moist	MH			6.1								
DP-2		60/44.4		7-8	Brown and Dark Brown Clayey Silt with lenses of coarse Sand (Fill) - Moist	MH			5.5								
				9-10	Brown and Dark Brown Clayey Silt with lenses of coarse Sand (Fill) - Moist	MH			6.2								
DP-3		24/24		11	Gray and Black Silt and Clay with trace fine Gravel (Fill) - Moist	MH			6.0								
				12		SP											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Firm **Giles Engineering Associates, Inc.**  
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186  
Tel: 262-544-0118 Fax: 262-549-5868

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-33</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/5/2017</b>		Date Drilling Completed <b>7/5/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ ' _____ '' Long. _____ ' _____ ''		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Borehole Diameter <b>2.0 Inches</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Facility ID <b>341286220</b>		Civil Town/City/ or Village <b>Milwaukee</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
				Concrete Slab												
DP-1	60/27.6		1	Tan Sand and Gravel granular Fill	GW			11								
			2	Brown, Dark Brown, and Black fine to medium Sand with little coarse Sand to fine Gravel and occasional lenses of Brown Silty Clay, trace Foundry Slag and Glass Fragments (Fill) - Moist	SW			11.9								
			3	Brown and Dark Brown Silty medium Sand with trace fine to coarse Gravel (Fill) - Moist	SP			10.6								
DP-2	60/19.2		4	Gray coarse Gravel and fine Sand (Fill) - Dry	GW			8.8								
			5	Brown and Gray Silt and fine Sand and Brown Clayey Silt with trace coarse Gravel, trace Wood and Glass Fragments (Fill) - Moist	SP			42								
DP-3	60/3.6		6	Brown fine to coarse Gravel with little fine Sand and Wood Fragments (Fill) - Moist	GW			52								
			7	Refusal at 11 feet (Wood Plank) Boring Terminated at 11 feet												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Firm **Giles Engineering Associates, Inc.** Tel: 262-544-0118  
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-34</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/5/2017</b>		Date Drilling Completed <b>7/5/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) Lat. _____ " _____ " Long. _____ " _____ " Feet <input type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
			1	Concrete Slab												
DP-1	60/30		1.4	Tan Sand and Gravel granular Fill	GW			11.4								
			2	Brown, Reddish Brown, and Black fine to medium Sand with little Brown Silty Clay, trace Glass, Brick Fragments, and Foundry Slag (Foundry Fill) - Moist	SW			12.4								
			3						16							
DP-2	60/22.8		6	Gray fine Gravel with some medium Sand (Fill) - Dry	GW											
			7	Brown Silty Clay with trace fine Gravel and trace Gray mottling and occasional lenses of Black medium Sand (Foundry material) (Fill) - Moist	CH			16								
DP-3	60/24		10	Black very coarse Sand and fine Gravel (Fill) - Wet	SW											
			11	Black very coarse Sand, fine Gravel, grading to medium Sand and some fine				17.5								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Firm **Giles Engineering Associates, Inc.** Tel: 262-544-0118  
N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186 Fax: 262-549-5868

Boring Number **B-34**

Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-4	60/49.2		13	Sand and Cinders (Cinder Fill) - Wet	SW			25						
		14	25.1											
		15	25.6											
			16	Gray fine Sand with trace coarse Sand (native) - Wet	SP		25.9							
		17												
			18	Boring Terminated at 20 feet										
		19												
		20												

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-34A</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>9/1/2017</b>	Date Drilling Completed <b>9/1/2017</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>			Local Grid Location (If applicable)		
<b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____ "	_____ "	<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/33.6		1	Concrete Slab	Concrete										
			2	Tan fine to coarse Sand and Gravel granular Fill - Dry	GW			3.2							
			3	Brown Silty fine to coarse Sand with some fine to coarse Gravel (Fill) - Moist	SW										
DP-2	60/50.4		4	Dark Brown and Black fine to coarse Sand with little fine Gravel, trace foundry material (Fill) - Moist	SP			1.4							
			5	Brown and Black Clayey Silt with trace Sand, trace foundry Sand, and trace foundry Slag (foundry Fill) - Moist	CL-MI			6.6							
			6	Dark Brown Silty, fine to coarse Sand (Fill) - Moist	SP										
DP-3	60/30		7	Brown and Black Silty Clay with trace fine Gravel and trace foundry Sand (Fill) - Moist	CL			5.6							
			8	Brown and Black fine Sand and foundry Sand, little foundry Slag (foundry Fill) - Moist	SP			62.1							
			9	Brown to Grayish Brown Clayey Silt with trace fine Gravel and trace foundry Sand (Fill) - Moist	CL-MI										
DP-3	60/30		10	Brown fine to coarse Sand and Gravel (Fill) - Wet	GW			6.0							
			11	Dark Brown and Black fine to coarse Sand and Gravel with trace foundry Sand (Fill) - Wet	GW			2.1							
			12	Dark Brown and Black fine to coarse Sand and Gravel with trace foundry Sand (Fill) - Wet	GW			2.1							
			13	Boring Terminated at 15 feet.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-34B</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>9/1/2017</b>	Date Drilling Completed <b>9/1/2017</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>S/C/N</b>			Local Grid Location (If applicable)		
<b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____"	<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1		60/32.4		1	Concrete Slab	Concrete										
				2	Tan Sand and Gravel granular Fill - Dry	GW			2.2							
				3	Brown Silty fine to coarse Sand with little Clay and trace foundry Sand	SW			3.3							
DP-2		60/32.4		4	Brown to Dark Brown fine to coarse Sand with trace fine Gravel and little foundry Sand and Slag (Fill) - Moist	SP				3.6						
				5	Brown Silty Clay with lenses of Dark Brown to Black fine Sand and Silt (Fill) - Moist	CL										
				6	Brown Clay with trace coarse Sand and trace foundry Sand (Fill) - Moist	CL										
				7	Brown and Black fine to coarse Sand and trace fine to coarse Gravel and trace foundry Sand and Slag (Fill) - Moist	SP			12.6							
DP-3		60/45.6		8	Brown Silty Clay with some foundry Sand and Slag (Fill) - Moist	CL				10.2						
				9	Brown Silty Clay with some foundry Sand and Slag (Fill) - Moist	CL										
				10	Gray-Brown Clay with lenses of Clayey Silt (Fill) - Very Moist	SP										
				11	Gray Silty fine to coarse Sand with trace fine Gravel - Wet	GW			2.7							
				12	Brown fine to very coarse Sand and fine Gravel (Fill) - Wet	GW			2.7							
				13	Black to Reddish Brown fine to very coarse Sand and fine Gravel with some foundry Sand and Clinker	GW				2.7						
				14	Boring Terminated at 15 feet.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-34C</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>9/1/2017</b>		Date Drilling Completed <b>9/1/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		Borehole Diameter <b>2.0 Inches</b>	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
		Civil Town/City/ or Village <b>Milwaukee</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/28.8		1	Concrete Slab	Concrete									
			2	Tan fine to coarse Sand and Gravel granular Fill - Dry	SP			0.1						
			3	Brown medium Sand with trace fine Gravel (Fill) - Moist	ML									
DP-2	60/12		4	Brown and Gray fine Sandy Silt with trace foundry Sand (Fill) - Moist	SP			0.2						
			5	Dark Brown Silty fine to medium Sand with trace foundry Sand and Slag (Fill) - Moist	CL									
			6	Brown and Gray Silty medium Sandy Silty Clay with trace Rust-colored mottling and trace foundry Slag (Fill) - Moist	SP			0.3						
			7	Brown and Dark Brown Silty fine Sand with trace fine Gravel (Fill) - Moist	CL			0.3						
DP-3	60/28.8		8	Brown fine Sand and fine to coarse Gravel (Fill) - Dry	GW			0.8						
			9	Brown Silty Clay with trace fine Gravel and trace foundry Sand and Slag (Fill) - Moist	SP									
			10	Black medium to coarse foundry Sand and Slag (foundry Fill) - Moist	GW			0.2						
			11	Tan fine to coarse Gravel - Wet	SW									
			12	Black with some Brown fine to very coarse Sand with trace fine Gravel, trace foundry Sand and trace fragments of Brick and Glass (foundry and cinder Fill) - Wet	SW			0.3						
13	Large Wood fragments at 11 feet.				0.3									
14														
15				Boring Terminated at 15 feet.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Firm: **Giles Engineering Associates, Inc.**  
N8 W22350 Johnson Drive, Suite A1 Waukesha, WI 53186  
Tel: 262-544-0118 Fax: 262-549-5868

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-35</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/28/2017</b>	Date Drilling Completed <b>7/28/2017</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b> S/C/N			Local Grid Location (If applicable) Lat. _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long. _____ " <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/18		0	Concrete Slab											
			1	Tan Sand and Gravel granular Fill	GW			3.6							
			2	Brown fine to coarse Sand, with little fine Gravel, trace coarse Gravel, and trace Foundry Material (Fill) - Moist											
DP-2	60/16.8		3		SP			1.0							
			4												
			5	Brown coarse to very coarse Sand and fine Gravel (Fill) - Wet	SW			1.7							
			6	Brown Silty Clay and Black coarse Sand, with trace Foundry Slag (Foundry Fill) - Very Moist	CL			1.0							
			7	Brick											
			8	Brown Silty Clay (Fill) - Moist	CL										
			9	Fine to coarse Gravel (crushed Limestone) (Fill) - Dry	GP			11.9							
			10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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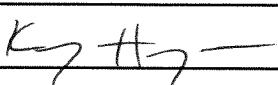
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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-36</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/28/2017</b>		Date Drilling Completed <b>7/28/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter <b>2.0 Inches</b>		Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )		Local Grid Location (If applicable)	
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Lat. _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
Long. _____"		Feet <input type="checkbox"/> S		Feet <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
Civil Town/City/ or Village <b>Milwaukee</b>					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	60/36		1	Concrete Slab											
			2	Tan Sand and Gravel granular Fill	GW			7.4							
			3	Dark Brown and Black Silt, fine to medium Sand with trace fine and coarse Gravel, and trace fragments of Brick, Wood, and Foundry Slag (Fill) - Moist		SM			13.9						
DP-2	60/34.8		4					1.7							
			5	Brown Silty Clay, with little medium Sand, trace fine Gravel, and trace Foundry Material (Fill) - Moist		CL			16.1						
			6	Brown medium Sand, with trace fine Gravel, grading to medium to coarse Sand (Native) - Moist		SP			8.5						
			7												
			8												
			9												
			10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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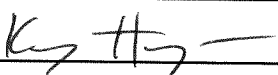
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-37</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>		Date Drilling Started <b>7/28/2017</b>		Date Drilling Completed <b>7/28/2017</b>	
Drilling Method <b>Direct Push</b>		WI Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		Borehole Diameter <b>2.0 Inches</b>	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	
		Civil Town/City/ or Village <b>Milwaukee</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
DP-1	72/34.8		1	Concrete Slab											
			2	Tan Sand and Gravel, granular Fill - Dry	GW				2.8						
			3	Dark Gray Silty fine to medium Sand with little fine Gravel, trace Foundry Sand, Slag, Wood and Brick fragments (Fill) - Moist		SM				5.0					
			4												
			5	Brown medium to coarse Sand with little fine Gravel (Fill) - Moist		SP									
			6	Brown Silt and coarse Sand with trace fine Gravel (Fill) - Moist		SM				13.2					
			6	Boring Terminated at 6 Feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm **Giles Engineering Associates, Inc.**  
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186  
Tel: 262-544-0118 Fax: 262-549-5868

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>		License/Permit/Monitoring Number		Boring Number <b>B-38</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/28/2017</b>	Date Drilling Completed <b>7/28/2017</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>2.0 Inches</b>
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ " _____ " _____ " Long. _____ " _____ " _____ " Feet <input type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>	County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
					Concrete Slab												
				1	Tan Sand and Gravel granular Fill - Dry	GW			.7								
				2	Dark Gray, Black, and Brown Silty fine to medium Sand with little fine Gravel, and trace Foundry Sand, Slag, and Brick (Fill) - Moist												
DP-1		60/15.6		3					1.6								
				4		SM											
				5					2.0								
				6	Large pieces fo Wood												
				7	Brown Silt and Organic Material - Moist	PT											
				8	Gray fine Sandy Silt with little Wood fragments (Fill) - Very Moist				.7								
DP-2		60/16.8		9		ML											
				10	Brown fine Sand grading to coarse Sand (Native) - Moist				.8								
					Boring Terminated at 10 feet	SP											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Ky Hg* Firm **Giles Engineering Associates, Inc.** Tel: 262-544-0118  
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186 Fax: 262-549-5868

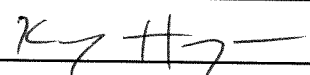
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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-39</b>	
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/28/2017</b>		Date Drilling Completed <b>7/28/2017</b>	
Drilling Method <b>Direct Push</b>			Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
WI Unique Well No.		DNR Well ID No.	Common Well Name		Borehole Diameter <b>2.0 Inches</b>	
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> )						
State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Lat. _____ "		Local Grid Location (If applicable)	
			Long. _____ "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>	Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				1	Concrete Slab											
				1	Tan fine to medium Gravel granular Fill - Dry	GW			9.1							
DP-1		60/30		2	Dark Gray Silty fine to medium Sand with trace fine Gravel and trace Foundry Slag, fragments of Wood, and Brick (Fill) - Moist	SM			6.8							
				5	Wet at 5 to 5.5 Feet				8.9							
				6	Gray and Black fine to coarse Sand and Brown Silty Clay with little fine Gravel and trace Foundry Slag and Brick fragments (Fill) - Moist	SP			10.0							
DP-2		60/26.4		8	Brown Silt and Clay (Native) - Moist	CL-MI										
				9	Brown medium Sand, with trace coarse Gravel (Native) - Moist	SP			3.4							
				10	Gray Silt and Clay, laminated (Native) - Moist	CL-MI										
				10	Boring Terminated at 10 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm <b>Giles Engineering Associates, Inc.</b> N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
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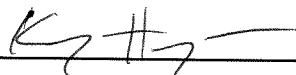
This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>The Couture 1E-1704004</b>			License/Permit/Monitoring Number		Boring Number <b>B-40</b>		
Boring Drilled By (Firm name and name of crew chief) <b>Giles Engineering Associates, Inc. - Jim Blair</b>			Date Drilling Started <b>7/28/2017</b>		Date Drilling Completed <b>7/28/2017</b>		
Drilling Method <b>Direct Push</b>			WI Unique Well No.		DNR Well ID No.		
Common Well Name			Final Static Water Level Feet MSL		Surface Elevation Feet MSL		
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/> ) State Plane <b>NE 1/4 of SW 1/4 of Section 28, T 7 N, R 22E</b>			Local Grid Location (If applicable) Lat. _____ ' _____ " _____" Long. _____ ' _____ " _____"		Borehole Diameter <b>2.0 Inches</b>		
Facility ID <b>341286220</b>		County <b>Milwaukee</b>		County Code <b>41</b>		Civil Town/City/ or Village <b>Milwaukee</b>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
				1	Concrete Slab												
				2	Tan Sand and Gravel granular Fill - Dry	GW			2.0								
				3	Dark Brown Silty fine Sand, with trace fine Gravel and trace Foundry Material (Fill) - Moist	SM											
				4	Black fine to medium Sand, with trace Foundry Slag and Clinker (Foundry Fill) - Moist	SP			3.1								
				5	Brown Clayey Silt, with trace fine Gravel, and trace Foundry Material (Fill) - Moist	CL-MI			8.5								
				6	Brown Silt, medium Sand, with trace fine Gravel (Fill) - Moist	SM											
				7	Black fine to medium Sand, with trace Foundry Slag and Glass fragments (Foundry Fill) - Moist	SP			1.3								
				8													
				9													
				10	Light Brown Clayey Silt, with trace Brown mottling and trace Black coarse Sand and Foundry Slag (Fill) - Moist	CL-MI			2.3								
					Boring Terminated at 10 feet												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm **Giles Engineering Associates, Inc.** Tel: 262-544-0118  
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186 Fax: 262-549-5868

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

## **APPENDIX B**

### **Well/Drillhole/Borehole Abandonment Forms (Form 3300-5)**



**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
¼ / ¼ or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>TWB-1</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>		Present Well Owner <b>The Couture LLC</b>	
Well City, Village or Town <b>City of Milwaukee</b>		Subdivision Name		Lot #		Mailing Address of Present Owner <b>1600 North 6th Street</b>	
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well		City of Present Owner <b>Milwaukee</b>		State <b>WI</b>	
Well Street Address		Well ZIP Code		ZIP Code <b>53212</b>			

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type:		If a Well Construction Report is available, please attach.		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>				Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Formation Type:				Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
Total Well Depth From Ground Surface (ft.) <b>17.28'</b>		Casing Diameter (in.) <b>1"</b>		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Lower Drillhole Diameter (in.) <b>2.5"</b>		Casing Depth (ft.) <b>17.28'</b>			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) <b>10.69'</b>			

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	17.28'	0.5 Sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>(262) 544-0118</b>		Comments	
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <b>11/29/16</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) _____	
¼ / ¼ or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>B-2</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Range <b>22</b>		Original Well Owner <b>The Couture LLC</b>		Present Well Owner <b>The Couture LLC</b>	
Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>	
Subdivision Name _____		Lot # _____		State <b>WI</b>		ZIP Code <b>53212</b>	

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well _____		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach. _____		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Other (specify): <b>Direct push</b>		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>Boring depth 16'</b>		Casing Diameter (in.) _____		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
Lower Drillhole Diameter (in.) <b>2"</b>		Casing Depth (ft.) _____		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) _____		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
If yes, to what depth (feet)? _____		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry					

5. Material Used to Fill Well / Drillhole			
Bentonite Chips	From (ft.) Surface	To (ft.) 16'	No. Yards, Sacks Sealant or Volume (circle one) 0.5 Sack

6. Comments			

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>	License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received _____	Noted By _____
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments _____
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blair 02</i>	
			Date Signed <b>11/29/16</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) _____			
1/4 / 1/4 or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		Range <b>22</b>		License/Permit/Monitoring # <b>B-3</b>	
								Original Well Owner <b>The Couture LLC</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Well City, Village or Town <b>City of Milwaukee</b>		Present Well Owner <b>The Couture LLC</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>	
Subdivision Name _____		Lot # _____		City of Present Owner <b>Milwaukee</b>		State <b>WI</b>		ZIP Code <b>53212</b>	

Reason for Removal from Service  
**Sampling Complete**

WI Unique Well # of Replacement Well  
\_\_\_\_\_

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well      Original Construction Date (mm/dd/yyyy)  
**10/31/2016**

Water Well

Borehole / Drillhole      If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): **Direct push**

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>Boring depth 18'</b>	Casing Diameter (in.) _____	Required Method of Placing Sealing Material	
Lower Drillhole Diameter (in.) <b>2"</b>	Casing Depth (ft.) _____	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
If yes, to what depth (feet)?	Depth to Water (feet)	Sealing Materials	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
		For Monitoring Wells and Monitoring Well Boreholes Only:	
		<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>Bentonite Chips</b>	Surface	18'	0.5 Sack	

**6. Comments**

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>		License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	DNR Use Only	
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>(262) 544-0118</b>		Date Received	Noted By
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blair</i>	Date Signed <b>11/2/16</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

Route to DNR Bureau:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
1/4 / 1/4 or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>TWB-4</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Range <b>22</b>		Original Well Owner <b>The Couture LLC</b>		Present Well Owner <b>The Couture LLC</b>	
Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>	
Subdivision Name		Lot #		State <b>WI</b>		ZIP Code <b>53212</b>	

Reason for Removal from Service  
**Sampling Complete**

WI Unique Well # of Replacement Well

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well  
 Water Well  
 Borehole / Drillhole

Original Construction Date (mm/dd/yyyy)  
**11/4/2016**

If a Well Construction Report is available, please attach.

Construction Type:  
 Drilled     Driven (Sandpoint)     Dug  
 Other (specify): **Direct push**

Formation Type:  
 Unconsolidated Formation     Bedrock

Total Well Depth From Ground Surface (ft.) <b>15.08'</b>	Casing Diameter (in.) <b>1"</b>	Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____
Lower Drillhole Diameter (in.) <b>2.5"</b>	Casing Depth (ft.) <b>15.08'</b>	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) <b>10.67'</b>	For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>Bentonite Chips</b>	Surface	<b>15.08'</b>	<b>0.5 Sack</b>	

**6. Comments**

<b>7. Supervision of Work</b>		<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/4/2016</b>	Date Received
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>	Telephone Number <b>(262) 544-0118</b>	Comments	
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blair 02</i>
		Date Signed <b>11/29/16</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

Route to DNR Bureau:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) _____	
1/4 / 1/4 or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>B-6</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>		Present Well Owner <b>The Couture LLC</b>	
Subdivision Name _____		Lot # _____		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>	
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well _____		State <b>WI</b>		ZIP Code <b>53212</b>	

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach. _____		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>				Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>Boring depth 16'</b>		Casing Diameter (in.) _____		If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2"</b>		Casing Depth (ft.) _____		If bentonite chips were used, were they hydrated with water from a known safe source?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Required Method of Placing Sealing Material			
If yes, to what depth (feet)? _____				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
Depth to Water (feet) _____				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			

5. Material Used to Fill Well / Drillhole				6. Comments			
From (ft.) <b>Surface</b>		To (ft.) <b>16'</b>		No. Yards, Sacks Sealant or Volume (circle one) <b>0.5 Sack</b>		Mix Ratio or Mud Weight _____	
Bentonite Chips		_____		_____		_____	
Sealing Materials				For Monitoring Wells and Monitoring Well Boreholes Only:			
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete				<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>		License # _____		Date Received _____	
Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>		Noted By _____		Comments _____	
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>(262) 544-0118</b>		Signature of Person Doing Work <i>Jim Blair</i>	
City <b>WAUKESHA</b>		State <b>WI</b>		Date Signed <b>11/29/16</b>	
ZIP Code <b>53186</b>		_____		_____	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) _____	
1/4 1/4 or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>TWB-7</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>		Present Well Owner <b>The Couture LLC</b>	
Subdivision Name _____		Lot # _____		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>	
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well _____		State <b>WI</b>		ZIP Code <b>53212</b>	

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach. _____		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Borehole / Drillhole				Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed?			
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>				Casing left in place?			
Formation Type:				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Was casing cut off below surface?			
Total Well Depth From Ground Surface (ft.) <b>14'</b>		Casing Diameter (in.) <b>1"</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) <b>2.5"</b>		Casing Depth (ft.) <b>14'</b>		Did sealing material rise to surface?			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) <b>10.88'</b>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If yes, to what depth (feet)?				Did material settle after 24 hours?			
				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
				If yes, was hole retopped?			
				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
				If bentonite chips were used, were they hydrated with water from a known safe source?			
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Required Method of Placing Sealing Material				Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/>			
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)				<input type="checkbox"/> Other (Explain): _____			
Sealing Materials				Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/>			
<input type="checkbox"/> Sand-Cement (Concrete) Grout				<input checked="" type="checkbox"/> Bentonite Chips			
For Monitoring Wells and Monitoring Well Boreholes Only:				Bentonite - Cement Grout <input type="checkbox"/>			
<input checked="" type="checkbox"/> Bentonite Chips				Bentonite - Sand Slurry <input type="checkbox"/>			
<input type="checkbox"/> Granular Bentonite							

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	14'	0.5 Sack	

**6. Comments**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>		License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blawie 02</i>	Date Signed <b>11/29/16</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
¼ / ¼ or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>B-8</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>		Present Well Owner <b>The Couture LLC</b>	
Subdivision Name		Lot #		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>	
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well		State <b>WI</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>Boring depth 16'</b>		Casing Diameter (in.)		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2"</b>		Casing Depth (ft.)		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		Required Method of Placing Sealing Material	
If yes, to what depth (feet)?				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	16'	0.5 Sack	

**6. Comments**

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>(262) 544-0118</b>	Comments	
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blase</i>	Date Signed <b>11/29/16</b>

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well	Hicap #	Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) N _____ W _____		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS) <b>B-9</b>	
1/4 1/4 or Gov't Lot #	1/4 <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <b>22 E</b>	License/Permit/Monitoring # <b>B-9</b>
Well Street Address <b>909 East Michigan Avenue</b>			Original Well Owner <b>The Couture LLC</b>		
Well City, Village or Town <b>City of Milwaukee</b>			Present Well Owner <b>The Couture LLC</b>		
Subdivision Name			Mailing Address of Present Owner <b>1600 North 6th Street</b>		
Well ZIP Code <b>53202</b>			City of Present Owner <b>Milwaukee</b>		State <b>WI</b>
Lot #			ZIP Code <b>53212</b>		

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>			Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If a Well Construction Report is available, please attach.			Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>			Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock			Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>Boring depth 16'</b>		Casing Diameter (in.)	Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2"</b>		Casing Depth (ft.)	Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)?		Depth to Water (feet)	If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
			If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
			Required Method of Placing Sealing Material	
			<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
			<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
			Sealing Materials	
			<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
			<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
			For Monitoring Wells and Monitoring Well Boreholes Only:	
			<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
			<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>Bentonite Chips</b>	Surface	16'	0.5 Sack	

**6. Comments**

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Davis 02</i>	Date Signed <b>11/29/16</b>



# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>	WI Unique Well # of Removed Well	Hicap #	Facility Name <b>The Couture</b>
Latitude / Longitude (see instructions) N _____ W _____	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)
1/4 / 1/4 _____ or Gov't Lot #	Section <b>28</b>	Township <b>7 N</b>	License/Permit/Monitoring # <b>TWB-10</b>
Well Street Address <b>909 East Michigan Avenue</b>	Range <b>22</b>	Original Well Owner <b>The Couture LLC</b>	Present Well Owner <b>The Couture LLC</b>
Well City, Village or Town <b>City of Milwaukee</b>	Well ZIP Code <b>53202</b>	Mailing Address of Present Owner <b>1600 North 6th Street</b>	
Subdivision Name	Lot #	City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
			ZIP Code <b>53212</b>

Reason for Removal from Service: **Sampling Complete**

WI Unique Well # of Replacement Well: \_\_\_\_\_

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well  
 Water Well  
 Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): **10/31/2016**

If a Well Construction Report is available, please attach.

Construction Type:  
 Drilled     Driven (Sandpoint)     Dug  
 Other (specify): **Direct push**

Formation Type:  
 Unconsolidated Formation     Bedrock

Total Well Depth From Ground Surface (ft.) <b>17'</b>	Casing Diameter (in.) <b>1"</b>	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips
Lower Drillhole Diameter (in.) <b>2.5"</b>	Casing Depth (ft.) <b>17'</b>	<input type="checkbox"/> Granular Bentonite
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) <b>12.90'</b>	For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>Bentonite Chips</b>	Surface	17'	0.5 Sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>	Telephone Number <b>(262) 544-0118</b>	Comments		
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blawie 02</i>	Date Signed <b>11/29/16</b>

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County: **Milwaukee**      WI Unique Well # of Removed Well: \_\_\_\_\_      Hicap #: \_\_\_\_\_  
 Latitude / Longitude (see instructions): \_\_\_\_\_ N      Format Code:  DD      Method Code:  GPS008  
 \_\_\_\_\_ W       DDM       SCR002  
 \_\_\_\_\_       OTH001  
 1/4 1/4: \_\_\_\_\_      1/4: **SW**      Section: **28**      Township: **7 N**      Range:  **E**       W  
 or Gov't Lot #: \_\_\_\_\_      22  
 Well Street Address: **909 East Michigan Avenue**  
 Well City, Village or Town: **City of Milwaukee**      Well ZIP Code: **53202**  
 Subdivision Name: \_\_\_\_\_      Lot #: \_\_\_\_\_

Facility Name: **The Couture**  
 Facility ID (FID or PWS): \_\_\_\_\_  
 License/Permit/Monitoring #: **TWB-11**  
 Original Well Owner: **The Couture LLC**  
 Present Well Owner: **The Couture LLC**  
 Mailing Address of Present Owner: **1600 North 6th Street**  
 City of Present Owner: **Milwaukee**      State: **WI**      ZIP Code: **53212**

Reason for Removal from Service: **Sampling Complete**      WI Unique Well # of Replacement Well: \_\_\_\_\_

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well      Original Construction Date (mm/dd/yyyy): **10/31/2016**  
 Water Well  
 Borehole / Drillhole      If a Well Construction Report is available, please attach.

Construction Type:  
 Drilled       Driven (Sandpoint)       Dug  
 Other (specify): **Direct push**

Formation Type:  
 Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.): **17.14'**      Casing Diameter (in.): **1"**

Lower Drillhole Diameter (in.): **2.5"**      Casing Depth (ft.): **17.14'**

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?      Depth to Water (feet): **11.35'**

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?       Yes       No       N/A  
 Liner(s) removed?       Yes       No       N/A  
 Liner(s) perforated?       Yes       No       N/A  
 Screen removed?       Yes       No       N/A  
 Casing left in place?       Yes       No       N/A  
 Was casing cut off below surface?       Yes       No       N/A  
 Did sealing material rise to surface?       Yes       No       N/A  
 Did material settle after 24 hours?       Yes       No       N/A  
 If yes, was hole retopped?       Yes       No       N/A  
 If bentonite chips were used, were they hydrated with water from a known safe source?       Yes       No       N/A

Required Method of Placing Sealing Material:  
 Conductor Pipe-Gravity       Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials:  
 Neat Cement Grout       Concrete  
 Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:  
 Bentonite Chips       Bentonite - Cement Grout  
 Granular Bentonite       Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	17.14'	0.5 Sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing: **GILES ENGINEERING ASSOC.**      License #: \_\_\_\_\_      Date of Filling & Sealing or Verification (mm/dd/yyyy): **11/1/2016**      Date Received: \_\_\_\_\_      Noted By: \_\_\_\_\_  
 Street or Route: **N8 W22350 JOHNSON DRIVE SUITE A1**      Telephone Number: **(262) 544-0118**      Comments: \_\_\_\_\_  
 City: **WAUKESHA**      State: **WI**      ZIP Code: **53186**      Signature of Person Doing Work: *Jim Blais*      Date Signed: **11/29/16**

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
1/4 1/4 or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>		License/Permit/Monitoring # <b>B-12</b>	
Well City, Village or Town <b>City of Milwaukee</b>		Subdivision Name		Well Street Address <b>1600 North 6th Street</b>		Present Well Owner <b>The Couture LLC</b>	
City of Present Owner <b>Milwaukee</b>		State <b>WI</b>		ZIP Code <b>53212</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well		<input type="checkbox"/> Water Well		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Direct push</u>		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Total Well Depth From Ground Surface (ft.) <b>Boring depth 16'</b>		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2"</b>		Casing Diameter (in.)		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Casing Depth (ft.)		Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
If yes, to what depth (feet)?		Depth to Water (feet)		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
				Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
				Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>Bentonite Chips</b>	Surface	16'	0.5 Sack	

**6. Comments**

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>	Telephone Number <b>(262) 544-0118</b>	Comments		
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blas</i>	Date Signed <b>11/29/16</b>

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)			
1/4 / 1/4      1/4 SW		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W		License/Permit/Monitoring # <b>TWB-13</b>	
or Gov't Lot #		Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>			
Subdivision Name		Well City, Village or Town <b>City of Milwaukee</b>		Lot #		Present Well Owner <b>The Couture LLC</b>			
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>		State      ZIP Code <b>WI      53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Borehole / Drillhole		Construction Type:		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		<input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>		Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type:		<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Casing left in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>12.35'</b>		Casing Diameter (in.) <b>1"</b>		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2.5"</b>		Casing Depth (ft.) <b>12.35'</b>		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) <b>10.33'</b>		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)?		Required Method of Placing Sealing Material		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
		Sealing Materials			
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
		For Monitoring Wells and Monitoring Well Boreholes Only:			
		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>Bentonite Chips</b>	Surface	12.35'	0.5 Sack	

**6. Comments**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>(262) 544-0118</b>		Comments	
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blair</i>	Date Signed <b>11/29/16</b>	

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
¼ / ¼ or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>TWB-14</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>		Present Well Owner <b>The Couture LLC</b>	
Subdivision Name		Lot #		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>	
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well		State <b>WI</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Borehole / Drillhole				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>14.13'</b>		Casing Diameter (in.) <b>1"</b>		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2.5"</b>		Casing Depth (ft.) <b>14.13'</b>		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Required Method of Placing Sealing Material	
If yes, to what depth (feet)?		Depth to Water (feet) <b>11.35'</b>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	14.13'	0.5 Sack	

**6. Comments**

<b>7. Supervision of Work</b>			<b>DNR Use Only</b>	
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>(262) 544-0118</b>	Comments	
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blair 02</i>	Date Signed <b>11/29/16</b>

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Route to DNR Bureau:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
¼ / ¼ or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>B-15</b>	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>		Present Well Owner <b>The Couture LLC</b>	
Subdivision Name		Lot #		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>	
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well		State <b>WI</b>		ZIP Code <b>53212</b>	

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>				Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>Boring depth 20'</b>		Casing Diameter (in.)		If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2"</b>		Casing Depth (ft.)		If bentonite chips were used, were they hydrated with water from a known safe source?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Required Method of Placing Sealing Material			
If yes, to what depth (feet)?		Depth to Water (feet)		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			

5. Material Used to Fill Well / Drillhole			
Bentonite Chips	From (ft.) Surface	To (ft.) 20'	No. Yards, Sacks Sealant or Volume (circle one) 0.75 Sack
Mix Ratio or Mud Weight			

6. Comments			

7. Supervision of Work			DNR Use Only		
Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>	Date Received	Noted By
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>		Telephone Number <b>(262) 544-0118</b>		Comments	
City <b>WAUKESHA</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work <i>Jim Blawie 02</i>	Date Signed <b>11/29/16</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
¼ / ¼ or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Avenue</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture LLC</b>		License/Permit/Monitoring # <b>B-16</b>	
Well City, Village or Town <b>City of Milwaukee</b>		Subdivision Name		Lot #		Present Well Owner <b>The Couture LLC</b>	
Reason for Removal from Service <b>Sampling Complete</b>		WI Unique Well # of Replacement Well		Mailing Address of Present Owner <b>1600 North 6th Street</b>		City of Present Owner <b>Milwaukee</b>	
State		ZIP Code		State <b>WI</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>10/31/2016</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct push</b>		If a Well Construction Report is available, please attach.		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
Total Well Depth From Ground Surface (ft.) <b>Boring depth 11'</b>		Casing Diameter (in.)		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Lower Drillhole Diameter (in.) <b>2"</b>		Casing Depth (ft.)		No. Yards, Sacks Sealant or Volume (circle one) <b>0.5 Sack</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		Mix Ratio or Mud Weight	

**5. Material Used to Fill Well / Drillhole**

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>Bentonite Chips</b>	<b>Surface</b>	<b>11'</b>	<b>0.5 Sack</b>	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>GILES ENGINEERING ASSOC.</b>		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>11/1/2016</b>		Date Received		Noted By	
Street or Route <b>N8 W22350 JOHNSON DRIVE SUITE A1</b>				Telephone Number <b>( 262 ) 544-0118</b>		Comments			
City <b>WAUKESHA</b>		State <b>WI</b>		ZIP Code <b>53186</b>		Signature of Person Doing Work <i>Jim Blawie 03</i>		Date Signed <b>11/29/16</b>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>TWB-1A</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/22/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

<b>Sealing Materials</b>	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

<b>5. Material Used to Fill Well / Drillhole</b>	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/22/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed



**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>TWB-1B</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/22/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/22/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>TWB-1C</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/22/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

<b>Sealing Materials</b>	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/22/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-2A</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>
If a Well Construction Report is available, please attach.		
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

<b>Sealing Materials</b>	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>B-2B</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/22/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/22/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>	
¼ / ¼ NE SW or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>				Original Well Owner <b>The Couture, LLC</b>			
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>			
Subdivision Name				Lot #		Present Well Owner <b>The Couture, LLC</b>	
Reason for Removal from Service				WI Unique Well # of Replacement Well		Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>				State <b>WI</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>06/22/2017</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>15</b>		Casing Diameter (in.) <b>NA</b>		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				Required Method of Placing Sealing Material	
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips		Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/22/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>TWB-4A</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/23/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

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Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>TWB-4B</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/23/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

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Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>TWB-4C</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/23/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped		
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____		
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete		
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips		
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout		
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry		

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/23/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed



**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Township 7 N					
Well Street Address 909 East Michigan Street					
Well City, Village or Town City of Milwaukee				Well ZIP Code 53202	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>TWB-10A</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>		State <b>WI</b>
		ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>	
If a Well Construction Report is available, please attach.			
Construction Type:			
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>			
Formation Type:			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock			
Total Well Depth From Ground Surface (ft.) <b>15</b>		Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>TWB-10B</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name		Lot #			
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>TWB-10C</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>TWB-11A</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>	
¼ / ¼ <b>NE</b> ¼ <b>SW</b>		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>TWB-11B</b>	
or Gov't Lot #		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W		Original Well Owner <b>The Couture, LLC</b>		Present Well Owner <b>The Couture, LLC</b>	
Well Street Address <b>909 East Michigan Street</b>				Mailing Address of Present Owner <b>1600 North 6th Street</b>			
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>			
Subdivision Name				Lot #		City of Present Owner <b>Milwaukee</b> State <b>WI</b> ZIP Code <b>53212</b>	

Reason for Removal from Service \_\_\_\_\_ WI Unique Well # of Replacement Well \_\_\_\_\_

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well      Original Construction Date (mm/dd/yyyy)  
**06/21/2017**

Water Well

Borehole / Drillhole      If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): **Direct-push**

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>

Was well annular space grouted?       Yes       No       Unknown

If yes, to what depth (feet)?      Depth to Water (feet)  
**NA**

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>	
¼ / ¼ <b>NE</b> ¼ <b>SW</b>		Section <b>28</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>TWB-11C</b>	
or Gov't Lot #		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W		Original Well Owner <b>The Couture, LLC</b>		Present Well Owner <b>The Couture, LLC</b>	
Well Street Address <b>909 East Michigan Street</b>				Mailing Address of Present Owner <b>1600 North 6th Street</b>			
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>			
Subdivision Name				Lot #		City of Present Owner <b>Milwaukee</b> State <b>WI</b> ZIP Code <b>53212</b>	
Reason for Removal from Service		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			

Pump and piping removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.	
<input checked="" type="checkbox"/> Borehole / Drillhole			
Construction Type:			
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		<input type="checkbox"/> Dug	
Formation Type:			
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ E		<input type="checkbox"/> OTH001			
1/4 / 1/4 <b>NE</b>	1/4 <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>TWB-14A</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/03/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	20	1 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/03/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>TWB-14B</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/03/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	20	1 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/03/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed



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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>TWB-14C</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>06/23/2017</b>
If a Well Construction Report is available, please attach.		
Construction Type:		
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		
Formation Type:		
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	20	1 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/23/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-15A</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/23/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>18</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	18	0.75 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/23/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-15AA</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/07/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/07/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____	Hicap # _____
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>
or Gov't Lot #		Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
Well Street Address <b>909 East Michigan Street</b>			
Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>	
Subdivision Name		Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well	

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-15AAA</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/27/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

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Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work	Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-15B</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/23/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>16</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	16	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/23/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>B-15BB</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/07/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/07/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Township 7 N					
Well Street Address 909 East Michigan Street					
Well City, Village or Town City of Milwaukee				Well ZIP Code 53202	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-15C</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>		State <b>WI</b>
		ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>06/23/2017</b>
If a Well Construction Report is available, please attach.		
Construction Type:		
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		
Formation Type:		
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	20	1 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/23/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-15CC</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/07/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/07/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed



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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Township 7 N					
Well Street Address 909 East Michigan Street					
Well City, Village or Town City of Milwaukee				Well ZIP Code 53202	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-15CCC</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>		State <b>WI</b>
		ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/27/2017</b>	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.	
<input checked="" type="checkbox"/> Borehole / Drillhole			
Construction Type:			
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		<input type="checkbox"/> Dug	
Formation Type:			
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/27/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>B-17</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/03/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/03/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>			
¼ / ¼ NE    ¼ SW		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W		License/Permit/Monitoring # <b>B-18</b>	
or Gov't Lot #		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture, LLC</b>	
Subdivision Name		Lot #		Well Street Address <b>909 East Michigan Street</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>		Present Well Owner <b>The Couture, LLC</b>	
Reason for Removal from Service		WI Unique Well # of Replacement Well		City of Present Owner <b>Milwaukee</b>		State <b>WI</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/03/2017</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>		Required Method of Placing Sealing Material	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>		Sealing Materials	
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:	
				<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>			License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/03/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>		State <b>WI</b>	ZIP Code <b>53186</b>		Signature of Person Doing Work	
					Date Signed	

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>			
¼ / ¼ NE    ¼ SW		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W		License/Permit/Monitoring # <b>B-19</b>	
or Gov't Lot #		28		7 N		22		Original Well Owner <b>The Couture, LLC</b>	
Well Street Address <b>909 East Michigan Street</b>						Present Well Owner <b>The Couture, LLC</b>			
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>			
Subdivision Name				Lot #		City of Present Owner <b>Milwaukee</b>		State <b>WI</b>	ZIP Code <b>53212</b>

Reason for Removal from Service \_\_\_\_\_ WI Unique Well # of Replacement Well \_\_\_\_\_

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/03/2017</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:					
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		<input type="checkbox"/> Dug	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:					
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>			License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/03/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>		State <b>WI</b>	ZIP Code <b>53186</b>		Signature of Person Doing Work	
					Date Signed	

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-20</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/03/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/03/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>			
¼ / ¼ NE    ¼ SW		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W		License/Permit/Monitoring # <b>B-21</b>	
or Gov't Lot #		28		7 N		22		Original Well Owner <b>The Couture, LLC</b>	
Well Street Address <b>909 East Michigan Street</b>						Present Well Owner <b>The Couture, LLC</b>			
Well City, Village or Town <b>City of Milwaukee</b>						Mailing Address of Present Owner <b>1600 North 6th Street</b>			
Well ZIP Code <b>53202</b>						City of Present Owner <b>Milwaukee</b>		State <b>WI</b>	ZIP Code <b>53212</b>
Subdivision Name						Lot #			
Reason for Removal from Service		WI Unique Well # of Replacement Well							

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/05/2017</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:					
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		<input type="checkbox"/> Dug	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>					
Formation Type:					
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock			
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>			
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown					
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>			
Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A					
Required Method of Placing Sealing Material					
<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped			
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____			
Sealing Materials					
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete			
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input checked="" type="checkbox"/> Bentonite Chips			
For Monitoring Wells and Monitoring Well Boreholes Only:					
<input type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout			
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/05/2017</b>		Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>		State <b>WI</b>	ZIP Code <b>53186</b>		Signature of Person Doing Work	
					Date Signed	

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-22</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>07/05/2017</b>
If a Well Construction Report is available, please attach.		
Construction Type:		
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		
Formation Type:		
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/05/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ NE	¼ SW	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	<b>22</b>
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>B-23</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/03/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/03/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed



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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-23A</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/27/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/27/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work	Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>			
¼ / ¼ NE    ¼ SW		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W		License/Permit/Monitoring # <b>B-23B</b>	
or Gov't Lot #		28		7 N		22		Original Well Owner <b>The Couture, LLC</b>	
Well Street Address <b>909 East Michigan Street</b>						Present Well Owner <b>The Couture, LLC</b>			
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>			
Subdivision Name				Lot #		City of Present Owner <b>Milwaukee</b>		State <b>WI</b>	ZIP Code <b>53212</b>

Reason for Removal from Service \_\_\_\_\_ WI Unique Well # of Replacement Well \_\_\_\_\_

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/27/2017</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:					
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		<input type="checkbox"/> Dug	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:					
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/27/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>		State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work	
				Date Signed	

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-23C</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/27/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/27/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address		Well ZIP Code <b>53202</b>			
Subdivision Name		Lot #			
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-24</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/03/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>11</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	11	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/03/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work	Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-25</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/05/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	20	1 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/05/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>	
¼ / ¼ NE SW or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>				Original Well Owner <b>The Couture, LLC</b>			
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>			
Subdivision Name				Lot #		Present Well Owner <b>The Couture, LLC</b>	
Reason for Removal from Service				WI Unique Well # of Replacement Well		Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>				State <b>WI</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/27/2017</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>8</b>		Casing Diameter (in.) <b>NA</b>		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				Required Method of Placing Sealing Material	
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips		Surface	8	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/27/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>			
¼ / ¼ <b>NE</b> ¼ <b>SW</b>		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W		License/Permit/Monitoring # <b>B-25B</b>	
or Gov't Lot #		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture, LLC</b>	
Subdivision Name		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Present Well Owner <b>The Couture, LLC</b>	
Lot #		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>	
Reason for Removal from Service		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		City of Present Owner <b>Milwaukee</b>	
WI Unique Well # of Replacement Well		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		State <b>WI</b>	
_____		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/27/2017</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		_____		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:		_____		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		_____		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		_____		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:		_____		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		_____		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		_____		Required Method of Placing Sealing Material	
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
_____		_____		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>			License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/27/2017</b>		Date Received		Noted By		
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>					Telephone Number <b>( 262 ) 544-0118</b>			Comments			
City <b>Waukesha</b>			State <b>WI</b>		ZIP Code <b>53186</b>		Signature of Person Doing Work			Date Signed	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-25C</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/27/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/27/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed



**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-26</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>		State <b>WI</b>
		ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>07/05/2017</b>
If a Well Construction Report is available, please attach.		
Construction Type:		
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		
Formation Type:		
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	20	1 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/05/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>B-27</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/07/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	20	1 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/07/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-28</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/07/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/07/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>			
¼ / ¼ <b>NE</b> ¼ <b>SW</b>		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W		License/Permit/Monitoring # <b>B-29</b>	
or Gov't Lot #		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture, LLC</b>	
Subdivision Name		Well ZIP Code <b>53202</b>		Lot #		Mailing Address of Present Owner <b>1600 North 6th Street</b>		Present Well Owner <b>The Couture, LLC</b>	
Reason for Removal from Service		WI Unique Well # of Replacement Well		City of Present Owner <b>Milwaukee</b>		State <b>WI</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>07/07/2017</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		If a Well Construction Report is available, please attach.		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If yes, to what depth (feet)?      Depth to Water (feet) <b>NA</b>	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/07/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work	Date Signed	

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-30</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-31</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>
If a Well Construction Report is available, please attach.		
Construction Type:		
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		
Formation Type:		
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-32</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>06/21/2017</b>
If a Well Construction Report is available, please attach.		
Construction Type:		
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		
Formation Type:		
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		
Total Well Depth From Ground Surface (ft.) <b>12</b>	Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	12	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>06/21/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>	
¼ / ¼ NE SW or Gov't Lot #		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>				Original Well Owner <b>The Couture, LLC</b>			
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>			
Subdivision Name				Lot #		Present Well Owner <b>The Couture, LLC</b>	
Reason for Removal from Service				WI Unique Well # of Replacement Well		Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>				State <b>WI</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/05/2017</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>11</b>		Casing Diameter (in.) <b>NA</b>		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				Required Method of Placing Sealing Material	
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips		Surface	11	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/05/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed



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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>			
Subdivision Name		Lot #			
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-34</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/05/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	20	1 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/05/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-34A</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>09/01/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>09/01/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions)		Format Code		Method Code	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002	
_____ NE		Section		Range <input checked="" type="checkbox"/> E	
or Gov't Lot #		28		22 <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>				Well ZIP Code <b>53202</b>	
Subdivision Name				Lot #	
Reason for Removal from Service		WI Unique Well # of Replacement Well			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-34B</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>09/01/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>15</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>09/01/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>			
Well Street Address <b>909 East Michigan Street</b>		Well ZIP Code <b>53202</b>			
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>B-34C</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>09/01/2017</b>	
If a Well Construction Report is available, please attach.			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock			
Total Well Depth From Ground Surface (ft.) <b>15</b>		Casing Diameter (in.) <b>NA</b>	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.5 sack	

**6. Comments**

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>			License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>09/01/2017</b>		Date Received		Noted By	
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>					Telephone Number <b>( 262 ) 544-0118</b>			Comments		
City <b>Waukesha</b>			State <b>WI</b>		ZIP Code <b>53186</b>		Signature of Person Doing Work			Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>B-35</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/28/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

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Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-36</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/28/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.5 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/28/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-37</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/28/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>6</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	6	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/28/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name <b>The Couture</b>			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>341286220</b>			
¼ / ¼ <b>NE</b> ¼ <b>SW</b>		Section <b>28</b>		Township <b>7 N</b>		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W		License/Permit/Monitoring # <b>B-38</b>	
or Gov't Lot #		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Original Well Owner <b>The Couture, LLC</b>	
Subdivision Name		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Present Well Owner <b>The Couture, LLC</b>	
Lot #		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		Mailing Address of Present Owner <b>1600 North 6th Street</b>	
Reason for Removal from Service		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		City of Present Owner <b>Milwaukee</b>	
WI Unique Well # of Replacement Well		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		State <b>WI</b>	
_____		Well Street Address <b>909 East Michigan Street</b>		Well City, Village or Town <b>City of Milwaukee</b>		Well ZIP Code <b>53202</b>		ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**      **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>07/28/2017</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		_____		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:		_____		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		_____		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>		_____		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:		_____		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		_____		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>10</b>		Casing Diameter (in.) <b>NA</b>		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>NA</b>		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		_____		Required Method of Placing Sealing Material	
If yes, to what depth (feet)?		Depth to Water (feet) <b>NA</b>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
_____		_____		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/28/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>		Telephone Number <b>( 262 ) 544-0118</b>		Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed



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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>	
Facility ID (FID or PWS) <b>341286220</b>	
License/Permit/Monitoring # <b>B-39</b>	
Original Well Owner <b>The Couture, LLC</b>	
Present Well Owner <b>The Couture, LLC</b>	
Mailing Address of Present Owner <b>1600 North 6th Street</b>	
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>
ZIP Code <b>53212</b>	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/28/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/28/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Milwaukee</b>		WI Unique Well # of Removed Well _____		Hicap # _____	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ <b>NE</b>	¼ <b>SW</b>	Section <b>28</b>	Township <b>7 N</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W	
or Gov't Lot #					
Well Street Address <b>909 East Michigan Street</b>					
Well City, Village or Town <b>City of Milwaukee</b>			Well ZIP Code <b>53202</b>		
Subdivision Name			Lot #		
Reason for Removal from Service		WI Unique Well # of Replacement Well _____			

Facility Name <b>The Couture</b>		
Facility ID (FID or PWS) <b>341286220</b>		
License/Permit/Monitoring # <b>B-40</b>		
Original Well Owner <b>The Couture, LLC</b>		
Present Well Owner <b>The Couture, LLC</b>		
Mailing Address of Present Owner <b>1600 North 6th Street</b>		
City of Present Owner <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53212</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>07/28/2017</b>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct-push</b>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>10</b>	Casing Diameter (in.) <b>NA</b>
Lower Drillhole Diameter (in.) <b>2</b>	Casing Depth (ft.) <b>NA</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>NA</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 sack	

**6. Comments**

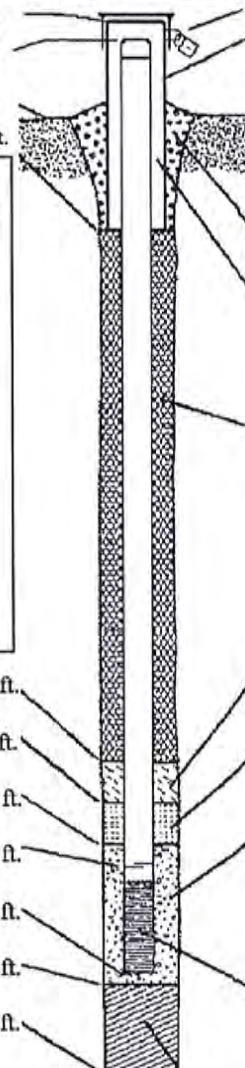
**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Giles Engineering Associates, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>07/28/2017</b>	Date Received	Noted By
Street or Route <b>N8 W22350 Johnson Drive Suite A1</b>			Telephone Number <b>( 262 ) 544-0118</b>	Comments	
City <b>Waukesha</b>	State <b>WI</b>	ZIP Code <b>53186</b>	Signature of Person Doing Work		Date Signed

## **APPENDIX C**

### **Monitoring Well Construction and Development Forms (Form 4400-113A-B)**

Facility/Project Name <b>The Couture</b>		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name <b>TWB-1</b>	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		Lat. _____ Long. _____ or		Date Well Installed <u>11</u> / <u>01</u> / <u>2016</u> m m d d y y v v v	
Type of Well Well Code _____ / _____		St. Plane _____ ft. N, _____ ft. E. S/C/N		Well Installed By: Name (first, last) and Firm <b>Jim Blair</b>	
Distance from Waste/Source _____ ft.		Section Location of Waste/Source <u>1/4 of SW 1/4 of Sec. 28, T. 7 N, R. 22</u> <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.		Giles Engineering	
Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	

<p>A. Protective pipe, top elevation ----- <u>N/A</u> ft. MSL</p> <p>B. Well casing, top elevation ----- ft. MSL</p> <p>C. Land surface elevation ----- ft. MSL</p> <p>D. Surface seal, bottom ----- ft. MSL or ----- ft.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>12. USCS classification of soil near screen:                  GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/>                  SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/>                  Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 5 0                  Hollow Stem Auger <input type="checkbox"/> 4 1  <u>Direct Push</u> Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1                  Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  Describe <u>N/A</u></p> <p>17. Source of water (attach analysis, if required):  <u>N/A</u></p> </div> <p>E. Bentonite seal, top ----- ft. MSL or <u>N/A</u> ft.</p> <p>F. Fine sand, top ----- ft. MSL or <u>N/A</u> ft.</p> <p>G. Filter pack, top ----- ft. MSL or <u>12.28</u> ft.</p> <p>H. Screen joint, top ----- ft. MSL or <u>12.28</u> ft.</p> <p>I. Well bottom ----- ft. MSL or <u>17.28</u> ft.</p> <p>J. Filter pack, bottom ----- ft. MSL or <u>17.28</u> ft.</p> <p>K. Borehole, bottom ----- ft. MSL or <u>17.28</u> ft.</p> <p>L. Borehole, diameter ----- <u>2.5</u> in.</p> <p>M. O.D. well casing ----- <u>1.25</u> in.</p> <p>N. I.D. well casing ----- <u>1.0</u> in.</p>	 <p>1. Cap and lock? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Protective cover pipe:                  a. Inside diameter: ----- in.                  b. Length: ----- ft.                  c. Material: <u>N/A</u> Steel <input type="checkbox"/> 0 4                  Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3 0                  Concrete <input type="checkbox"/> 0 1                  Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe:  <u>N/A</u> Bentonite <input type="checkbox"/> 3 0                  Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 3 3                  b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 3 5                  c. _____ Lbs/gal mud weight . . . . . Bentonite slurry <input type="checkbox"/> 3 1                  d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 5 0                  e. _____ Ft<sup>3</sup> volume added for any of the above                  f. How installed: Tremie <input type="checkbox"/> 0 1                  Tremie pumped <input type="checkbox"/> 0 2                  Gravity <input type="checkbox"/> 0 8</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3                  b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3 2                  c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name &amp; mesh size                  a. _____                  b. Volume added _____ ft<sup>3</sup></p> <p>8. Filter pack material: Manufacturer, product name &amp; mesh size                  a. Monoflex, Pre-pack screen, 0.010 Slot, #45 Mesh, 2040 Silica <input checked="" type="checkbox"/>                  b. Volume added _____ ft<sup>3</sup></p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3                  Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4                  Other <input type="checkbox"/></p> <p>10. Screen material:                  a. Screen type: Factory cut <input checked="" type="checkbox"/> 1 1                  Continuous slot <input type="checkbox"/> 0 1                  Other <input type="checkbox"/>                  b. Manufacturer _____                  c. Slot size: _____ 0.010 in.                  d. Slotted length: _____ 5 ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1 4                  Other <input type="checkbox"/></p>
---	---

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Jim Blair 02 Firm Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name The Couture	County Name Milwaukee	Well Name TWB-1	
Facility License, Permit or Monitoring Number	County Code 41	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry?  Yes  No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 41
surged with bailer and pumped	<input checked="" type="checkbox"/> 61
surged with block and bailed	<input type="checkbox"/> 42
surged with block and pumped	<input type="checkbox"/> 62
surged with block, bailed and pumped	<input type="checkbox"/> 70
compressed air	<input type="checkbox"/> 20
bailed only	<input type="checkbox"/> 10
pumped only	<input type="checkbox"/> 51
pumped slowly	<input type="checkbox"/> 50
Other _____	<input type="checkbox"/> _____

3. Time spent developing well \_\_\_\_\_ 25 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 17.28 ft.

5. Inside diameter of well \_\_\_\_\_ 1.0 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 0.08 gal.

7. Volume of water removed from well \_\_\_\_\_ 1.0 gal.

8. Volume of water added (if any) \_\_\_\_\_ 0.0 gal.

9. Source of water added \_\_\_\_\_ N/A

10. Analysis performed on water added?  Yes  No  
(If yes, attach results) \_\_\_\_\_ N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. _____ 15.56 _____ ft.	_____ 17.28 _____ ft.
Date	b. <u>11</u> / <u>01</u> / <u>2016</u>	<u>11</u> / <u>01</u> / <u>2016</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>08</u> : <u>25</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>08</u> : <u>50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) _____	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) _____
	Turbidity was too high for meter	
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l
16. Well developed by: Name (first, last) and Firm		
First Name:	Kelly	Last Name: Hayden
Firm:	Giles Engineering Associates, Inc.	

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party

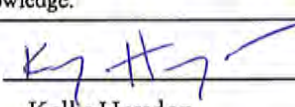
First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Facility/Firm: The Couture, LLC

Street: 1600 North 6th Street

City/State/Zip: Milwaukee, WI 53212

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

Facility/Project Name <b>The Couture</b>	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.		Well Name <b>TWB-4</b>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>	Wis. Unique Well No.	DNR Well ID No.
Facility ID	Lat. _____ " Long. _____ " or	Date Well Installed	
Type of Well	St. Plane _____ ft. N. _____ ft. E. S/C/N	Well Installed By: Name (first, last) and Firm <b>Jim Blair</b>	
Well Code _____ /	Section Location of Waste/Source 1/4 of SW 1/4 of Sec. 28, T. 7 N, R. 22 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Giles Engineering	
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number

A. Protective pipe, top elevation	_____ ft. MSL	1. Cap and lock?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B. Well casing, top elevation	_____ ft. MSL	2. Protective cover pipe:	
C. Land surface elevation	_____ ft. MSL	a. Inside diameter:	_____ in.
D. Surface seal, bottom	_____ ft. MSL or _____ ft.	b. Length:	_____ ft.
12. USCS classification of soil near screen:		c. Material:	N/A Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input checked="" type="checkbox"/> SP <input type="checkbox"/>		d. Additional protection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/>		If yes, describe: _____	
Bedrock <input type="checkbox"/>		3. Surface seal:	Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
13. Sieve analysis performed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4. Material between well casing and protective pipe:	Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
14. Drilling method used:	Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Direct Push <input checked="" type="checkbox"/> Other <input type="checkbox"/>	5. Annular space seal:	a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99		6. Bentonite seal:	a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7. Fine sand material: Manufacturer, product name & mesh size	
Describe <u>N/A</u>		a. _____	
17. Source of water (attach analysis, if required):	<u>N/A</u>	b. Volume added _____ ft <sup>3</sup>	
E. Bentonite seal, top	_____ ft. MSL or <u>N/A</u> ft.	8. Filter pack material: Manufacturer, product name & mesh size	
F. Fine sand, top	_____ ft. MSL or <u>N/A</u> ft.	a. Monoflex, Pre-pack screen, 0.010 Slot, #45 Mesh, 2040 Silica <input checked="" type="checkbox"/>	
G. Filter pack, top	_____ ft. MSL or <u>10.08</u> ft.	b. Volume added _____ ft <sup>3</sup>	
H. Screen joint, top	_____ ft. MSL or <u>10.08</u> ft.	9. Well casing:	Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
I. Well bottom	_____ ft. MSL or <u>15.08</u> ft.	10. Screen material:	
J. Filter pack, bottom	_____ ft. MSL or <u>15.08</u> ft.	a. Screen type:	Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
K. Borehole, bottom	_____ ft. MSL or <u>15.08</u> ft.	b. Manufacturer _____	
L. Borehole, diameter	<u>2.5</u> in.	c. Slot size:	<u>0.010</u> in.
M. O.D. well casing	<u>1.25</u> in.	d. Slotted length:	<u>5</u> ft.
N. I.D. well casing	<u>1.0</u> in.	11. Backfill material (below filter pack):	None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Jim Blair 07 Firm Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name The Couture	County Name Milwaukee	Well Name TWB-4	
Facility License, Permit or Monitoring Number	County Code 41	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry?  Yes  No
2. Well development method
- surged with bailer and bailed  41
  - surged with bailer and pumped  61
  - surged with block and bailed  42
  - surged with block and pumped  62
  - surged with block, bailed and pumped  70
  - compressed air  20
  - bailed only  10
  - pumped only  51
  - pumped slowly  50
  - Other
3. Time spent developing well 15 min.
4. Depth of well (from top of well casing) 15.08 ft.
5. Inside diameter of well 1.0 in.
6. Volume of water in filter pack and well casing 0.17 gal.
7. Volume of water removed from well 1.5 gal.
8. Volume of water added (if any) 0.0 gal.
9. Source of water added N/A
10. Analysis performed on water added?  Yes  No  
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>11.17</u> ft.	<u>11.17</u> ft.
Date	b. <u>11 / 04 / 2016</u>	<u>11 / 04 / 2016</u>
Time	c. <u>09 : 20</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>09 : 35</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>    </u> inches	<u>    </u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe)
Turbidity was <u>1055 NTU</u>		
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u>    </u> mg/l	<u>    </u> mg/l
15. COD	<u>    </u> mg/l	<u>    </u> mg/l
16. Well developed by: Name (first, last) and Firm		
First Name: <u>Kelly</u>		Last Name: <u>Hayden</u>
Firm: <u>Giles Engineering Associates, Inc.</u>		

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

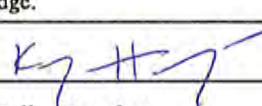
First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Facility/Firm: The Couture, LLC

Street: 1600 North 6th Street

City/State/Zip: Milwaukee, WI 53212

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

Facility/Project Name <b>The Couture</b>		Local Grid Location of Well ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.		Well Name <b>TWB-5</b>	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well No.	
Facility ID		Lat. _____ " Long. _____ " or		DNR Well ID No.	
Type of Well		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <u>11</u> / <u>01</u> / <u>2016</u> m m d d y y v v y y	
Well Code _____ / _____		Section Location of Waste/Source <u>1/4 of SW 1/4 of Sec. 28, T. 7 N, R. 22</u> <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.		Well Installed By: Name (first, last) and Firm <b>Jim Blair</b>	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	
Enf. Stds. Apply <input type="checkbox"/>				<b>Giles Engineering</b>	

A. Protective pipe, top elevation	----- N/A ----- ft. MSL	1. Cap and lock?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B. Well casing, top elevation	----- ft. MSL	2. Protective cover pipe:	
C. Land surface elevation	----- ft. MSL	a. Inside diameter:	----- in.
D. Surface seal, bottom	----- ft. MSL or ----- ft.	b. Length:	----- ft.
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input checked="" type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>		c. Material:	Steel <input type="checkbox"/> 0 4 Other <input type="checkbox"/>
13. Sieve analysis performed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d. Additional protection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
14. Drilling method used:	Rotary <input type="checkbox"/> 5 0 Hollow Stem Auger <input type="checkbox"/> 4 1 <u>Direct Push</u> Other <input checked="" type="checkbox"/>	If yes, describe: _____	
15. Drilling fluid used:	Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9	3. Surface seal:	Bentonite <input type="checkbox"/> 3 0 Concrete <input type="checkbox"/> 0 1 Other <input type="checkbox"/>
16. Drilling additives used?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4. Material between well casing and protective pipe:	
Describe <u>N/A</u>		<u>N/A</u> Bentonite <input type="checkbox"/> 3 0 Other <input type="checkbox"/>	
17. Source of water (attach analysis, if required): <u>N/A</u>		5. Annular space seal:	a. Granular/Chipped Bentonite <input type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight . . . . Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input type="checkbox"/> 0 8
E. Bentonite seal, top	----- ft. MSL or <u>N/A</u> ft.	6. Bentonite seal:	a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3 2 c. _____ Other <input type="checkbox"/>
F. Fine sand, top	----- ft. MSL or <u>N/A</u> ft.	7. Fine sand material: Manufacturer, product name & mesh size	
G. Filter pack, top	----- ft. MSL or <u>9.12</u> ft.	a. _____ b. Volume added _____ ft <sup>3</sup>	
H. Screen joint, top	----- ft. MSL or <u>9.12</u> ft.	8. Filter pack material: Manufacturer, product name & mesh size a. Monoflex, Pre-pack screen, 0.010 Slot, #45 Mesh, 2040 Silica <input checked="" type="checkbox"/> b. Volume added _____ ft <sup>3</sup>	
I. Well bottom	----- ft. MSL or <u>14.12</u> ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/>	
J. Filter pack, bottom	----- ft. MSL or <u>14.12</u> ft.	10. Screen material:	
K. Borehole, bottom	----- ft. MSL or <u>14.12</u> ft.	a. Screen type: Factory cut <input checked="" type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/>	
L. Borehole, diameter	----- <u>2.5</u> in.	b. Manufacturer _____	
M. O.D. well casing	----- <u>1.25</u> in.	c. Slot size: _____ 0. <u>010</u> in.	
N. I.D. well casing	----- <u>1.0</u> in.	d. Slotted length: _____ <u>5</u> ft.	
		11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1 4 Other <input type="checkbox"/>	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Jim Blair</i> 07	Firm <b>Giles Engineering Associates, Inc.</b>
----------------------------------	---

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.



Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <u>The Couture</u>	County Name <u>Milwaukee</u>	Well Name <u>TWB-5</u>	
Facility License, Permit or Monitoring Number	County Code <u>41</u>	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry?  Yes  No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 41
surged with bailer and pumped	<input checked="" type="checkbox"/> 61
surged with block and bailed	<input type="checkbox"/> 42
surged with block and pumped	<input type="checkbox"/> 62
surged with block, bailed and pumped	<input type="checkbox"/> 70
compressed air	<input type="checkbox"/> 20
bailed only	<input type="checkbox"/> 10
pumped only	<input type="checkbox"/> 51
pumped slowly	<input type="checkbox"/> 50
Other _____	<input type="checkbox"/>

3. Time spent developing well 25 min.

4. Depth of well (from top of well casing) 14.12 ft.

5. Inside diameter of well 1.0 in.

6. Volume of water in filter pack and well casing 0.16 gal.

7. Volume of water removed from well 1.5 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added?  Yes  No  
(If yes, attach results) N/A

	<u>Before Development</u>	<u>After Development</u>
11. Depth to Water (from top of well casing)	a. <u>10.56</u> ft.	_____ ft.
Date	b. <u>10 / 31 / 2016</u>	<u>10 / 31 / 2016</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>04 : 10</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>04 : 35</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe)
	<u>Turbidity was 7.82 NTU</u>	
	_____	
	_____	
	_____	

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids \_\_\_\_\_ mg/l \_\_\_\_\_ mg/l

15. COD \_\_\_\_\_ mg/l \_\_\_\_\_ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Kelly Last Name: Hayden

Firm: Giles Engineering Associates, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Facility/Firm: The Couture, LLC

Street: 1600 North 6th Street

City/State/Zip: Milwaukee, WI 53212

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

Facility/Project Name <b>The Couture</b>		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name <b>TWB-7</b>	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		Lat. _____ Long. _____ or _____		Date Well Installed <b>11 / 01 / 2016</b>	
Type of Well Well Code _____ / _____		St. Plane _____ ft. N. _____ ft. E. S/C/N		Well Installed By: Name (first, last) and Firm <b>Jim Blair</b>	
Distance from Waste/Source _____ ft.		Section Location of Waste/Source <b>1/4 of SW 1/4 of Sec. 28, T. 7 N. R. 22 E. W.</b>		Giles Engineering	
Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	

<p>A. Protective pipe, top elevation --- <u>N/A</u> ft. MSL</p> <p>B. Well casing, top elevation --- _____ ft. MSL</p> <p>C. Land surface elevation --- _____ ft. MSL</p> <p>D. Surface seal, bottom --- _____ ft. MSL or _____ ft.</p>	<p>1. Cap and lock? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: <u>N/A</u> Steel <input type="checkbox"/> 04 Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: <u>N/A</u> Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft<sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name &amp; mesh size a. _____ b. Volume added _____ ft<sup>3</sup></p> <p>8. Filter pack material: Manufacturer, product name &amp; mesh size a. Monoflex, Pre-pack screen, 0.010 Slot, #45 Mesh, 2040 Silica <input checked="" type="checkbox"/> b. Volume added _____ ft<sup>3</sup></p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>b. Manufacturer _____ c. Slot size: _____ 0.010 in. d. Slotted length: _____ 5 ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/></p>
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12. USCS classification of soil near screen:  
GP  GM  GC  GW  SW  SP   
SM  SC  ML  MH  CL  CH   
Bedrock

13. Sieve analysis performed?  Yes  No

14. Drilling method used: Rotary  50  
Hollow Stem Auger  41  
Direct Push Other

15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
Describe N/A

17. Source of water (attach analysis, if required):  
N/A

<p>E. Bentonite seal, top --- _____ ft. MSL or <u>N/A</u> ft.</p> <p>F. Fine sand, top --- _____ ft. MSL or <u>N/A</u> ft.</p> <p>G. Filter pack, top --- _____ ft. MSL or <u>9.10</u> ft.</p> <p>H. Screen joint, top --- _____ ft. MSL or <u>9.10</u> ft.</p> <p>I. Well bottom --- _____ ft. MSL or <u>14.10</u> ft.</p> <p>J. Filter pack, bottom --- _____ ft. MSL or <u>14.10</u> ft.</p> <p>K. Borehole, bottom --- _____ ft. MSL or <u>14.10</u> ft.</p> <p>L. Borehole, diameter --- <u>2.5</u> in.</p> <p>M. O.D. well casing --- <u>1.25</u> in.</p> <p>N. I.D. well casing --- <u>1.0</u> in.</p>
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Jim Blair Firm Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name The Couture	County Name Milwaukee	Well Name TWB-7	
Facility License, Permit or Monitoring Number	County Code 41	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry?  Yes  No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 4 1
surged with bailer and pumped	<input checked="" type="checkbox"/> 6 1
surged with block and bailed	<input type="checkbox"/> 4 2
surged with block and pumped	<input type="checkbox"/> 6 2
surged with block, bailed and pumped	<input type="checkbox"/> 7 0
compressed air	<input type="checkbox"/> 2 0
bailed only	<input type="checkbox"/> 1 0
pumped only	<input type="checkbox"/> 5 1
pumped slowly	<input type="checkbox"/> 5 0
Other _____	<input type="checkbox"/> _____

3. Time spent developing well \_\_\_\_\_ 15 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 14. 10 ft.

5. Inside diameter of well \_\_\_\_\_ 1. 0 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 0. 15 gal.

7. Volume of water removed from well \_\_\_\_\_ 1. 5 gal.

8. Volume of water added (if any) \_\_\_\_\_ 0. 0 gal.

9. Source of water added \_\_\_\_\_ N/A

10. Analysis performed on water added?  Yes  No  
(If yes, attach results) \_\_\_\_\_ N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. _____ 10. 85 _____ ft.	_____ 10. 77 _____ ft.
Date	b. <u>10</u> / <u>31</u> / <u>2016</u>	<u>10</u> / <u>31</u> / <u>2016</u>
Time	c. <u>03</u> : <u>40</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>03</u> : <u>55</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe)	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe)
Turbidity was 20.9 NTU		
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm  
 First Name: Kelly Last Name: Hayden  
 Firm: Giles Engineering Associates, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

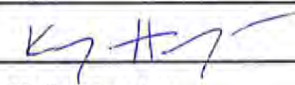
First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Facility/Firm: The Couture, LLC

Street: 1600 North 6th Street

City/State/Zip: Milwaukee, WI 53212

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

Facility/Project Name <b>The Couture</b>		Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.		Well Name <b>TWB-10</b>	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well No. _____ DNR Well ID No. _____	
Facility ID		Lat. _____ " Long. _____ " or _____		Date Well Installed <u>11</u> / <u>01</u> / <u>2016</u> m m d d y y y y	
Type of Well Well Code _____ / _____		St. Plane _____ ft. N. _____ ft. E. S/C/N		Well Installed By: Name (first, last) and Firm <b>Jim Blair</b>	
Distance from Waste/ Source _____ ft.		Section Location of Waste/Source <u>1/4 of SW 1/4 of Sec. 28, T. 7 N, R. 22</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Giles Engineering	
Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	

<p>A. Protective pipe, top elevation --- <u>N/A</u> ft. MSL</p> <p>B. Well casing, top elevation --- _____ ft. MSL</p> <p>C. Land surface elevation --- _____ ft. MSL</p> <p>D. Surface seal, bottom --- _____ ft. MSL or _____ ft.</p>	<p>1. Cap and lock? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: <u>N/A</u> Steel <input type="checkbox"/> 04 Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft<sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name &amp; mesh size a. _____ b. Volume added _____ ft<sup>3</sup></p> <p>8. Filter pack material: Manufacturer, product name &amp; mesh size a. Monoflex, Pre-pack screen, 0.010 Slot, #45 Mesh, 2040 Silica <input type="checkbox"/> b. Volume added _____ ft<sup>3</sup></p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>b. Manufacturer _____ c. Slot size: _____ 0.010 in. d. Slotted length: _____ 5 ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/></p>
---	--

12. USCS classification of soil near screens:  
GP  GM  GC  GW  SW  SP   
SM  SC  ML  MH  CL  CH   
Bedrock

13. Sieve analysis performed?  Yes  No

14. Drilling method used: Rotary  50  
Hollow Stem Auger  41  
Direct Push Other

15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
Describe N/A

17. Source of water (attach analysis, if required):  
N/A

<p>E. Bentonite seal, top --- _____ ft. MSL or <u>N/A</u> ft.</p> <p>F. Fine sand, top --- _____ ft. MSL or <u>N/A</u> ft.</p> <p>G. Filter pack, top --- _____ ft. MSL or <u>12.13</u> ft.</p> <p>H. Screen joint, top --- _____ ft. MSL or <u>12.13</u> ft.</p> <p>I. Well bottom --- _____ ft. MSL or <u>17.13</u> ft.</p> <p>J. Filter pack, bottom --- _____ ft. MSL or <u>17.13</u> ft.</p> <p>K. Borehole, bottom --- _____ ft. MSL or <u>17.13</u> ft.</p> <p>L. Borehole, diameter --- <u>2.5</u> in.</p> <p>M. O.D. well casing --- <u>1.25</u> in.</p> <p>N. I.D. well casing --- <u>1.0</u> in.</p>
---

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Jim Blair 07 Firm Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <u>The Couture</u>	County Name <u>Milwaukee</u>	Well Name <u>TWB-10</u>	
Facility License, Permit or Monitoring Number	County Code <u>41</u>	Wis. Unique Well Number _____	DNR Well ID Number _____

1. Can this well be purged dry?  Yes  No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 41
surged with bailer and pumped	<input checked="" type="checkbox"/> 61
surged with block and bailed	<input type="checkbox"/> 42
surged with block and pumped	<input type="checkbox"/> 62
surged with block, bailed and pumped	<input type="checkbox"/> 70
compressed air	<input type="checkbox"/> 20
bailed only	<input type="checkbox"/> 10
pumped only	<input type="checkbox"/> 51
pumped slowly	<input type="checkbox"/> 50
Other _____	<input type="checkbox"/>

3. Time spent developing well \_\_\_\_\_ 30 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 17.13 ft.

5. Inside diameter of well \_\_\_\_\_ 1.0 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 0.19 gal.

7. Volume of water removed from well \_\_\_\_\_ 2.0 gal.

8. Volume of water added (if any) \_\_\_\_\_ 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added?  Yes  No  
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. _____ <u>12.85</u> _____ ft.	_____ <u>12.90</u> _____ ft.
Date	b. <u>11</u> / <u>01</u> / <u>2016</u>	<u>11</u> / <u>01</u> / <u>2016</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>10:20</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10:50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe)
	Turbidity was <u>61.4</u> NTU	
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

17. Additional comments on development:

16. Well developed by: Name (first, last) and Firm

First Name: Kelly Last Name: Hayden

Firm: Giles Engineering Associates, Inc.

Name and Address of Facility Contact / Owner / Responsible Party

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Facility/Firm: The Couture, LLC

Street: 1600 North 6th Street

City/State/Zip: Milwaukee, WI 53212

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

Facility/Project Name <b>The Couture</b>	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.		Well Name <b>TWB-11</b>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or		Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID _____	St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <u>11</u> / <u>01</u> / <u>2016</u> m m d d y y v v y y
Type of Well Well Code _____ / _____	Section Location of Waste/Source <u>1/4 of SW 1/4 of Sec. 28</u> , T. <u>7</u> N, R. <u>22</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <b>Jim Blair</b>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____ <b>Giles Engineering</b>

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: _____ Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input checked="" type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 <u>Direct Push</u> Other <input checked="" type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe <u>N/A</u>	8. Filter pack material: Manufacturer, product name & mesh size a. Monoflex, Pre-pack screen, 0.010 Slot, #45 Mesh, 2040 Silica <input checked="" type="checkbox"/> b. Volume added _____ ft <sup>3</sup>
17. Source of water (attach analysis, if required): <u>N/A</u>	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or <u>N/A</u> ft.	10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or <u>N/A</u> ft.	b. Manufacturer _____ c. Slot size: _____ 0.010 in. d. Slotted length: _____ 5 ft.
G. Filter pack, top _____ ft. MSL or <u>12.14</u> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or <u>12.14</u> ft.	
I. Well bottom _____ ft. MSL or <u>17.14</u> ft.	
J. Filter pack, bottom _____ ft. MSL or <u>17.14</u> ft.	
K. Borehole, bottom _____ ft. MSL or <u>17.14</u> ft.	
L. Borehole, diameter _____ 2.5 in.	
M. O.D. well casing _____ 1.25 in.	
N. I.D. well casing _____ 1.0 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Jim Blair</i> 02	Firm <b>Giles Engineering Associates, Inc.</b>
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Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name The Couture	County Name Milwaukee	Well Name TWB-11	
Facility License, Permit or Monitoring Number	County Code 41	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry?  Yes  No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 41
surged with bailer and pumped	<input checked="" type="checkbox"/> 61
surged with block and bailed	<input type="checkbox"/> 42
surged with block and pumped	<input type="checkbox"/> 62
surged with block, bailed and pumped	<input type="checkbox"/> 70
compressed air	<input type="checkbox"/> 20
bailed only	<input type="checkbox"/> 10
pumped only	<input type="checkbox"/> 51
pumped slowly	<input type="checkbox"/> 50
Other _____	<input type="checkbox"/>

3. Time spent developing well \_\_\_\_\_ 15 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 17.14 ft.

5. Inside diameter of well \_\_\_\_\_ 1.0 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 0.26 gal.

7. Volume of water removed from well \_\_\_\_\_ 1.5 gal.

8. Volume of water added (if any) \_\_\_\_\_ 0.0 gal.

9. Source of water added \_\_\_\_\_ N/A

10. Analysis performed on water added?  Yes  No  
(If yes, attach results) \_\_\_\_\_ N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. _____ 11.26 _____ ft.	_____ 11.76 _____ ft.
Date	b. <u>10</u> / <u>31</u> / <u>2016</u>	<u>10</u> / <u>31</u> / <u>2016</u>
	<small>m m d d y y y y</small>	<small>m m d d y y y y</small>
Time	c. <u>04</u> : <u>45</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>05</u> : <u>00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) _____	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) _____
	Turbidity was <u>10.35</u> NTU	
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Kelly Last Name: Hayden

Firm: Giles Engineering Associates, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Facility/Firm: The Couture, LLC

Street: 1600 North 6th Street

City/State/Zip: Milwaukee, WI 53212

I hereby certify that the above information is true and correct to the best of my knowledge.

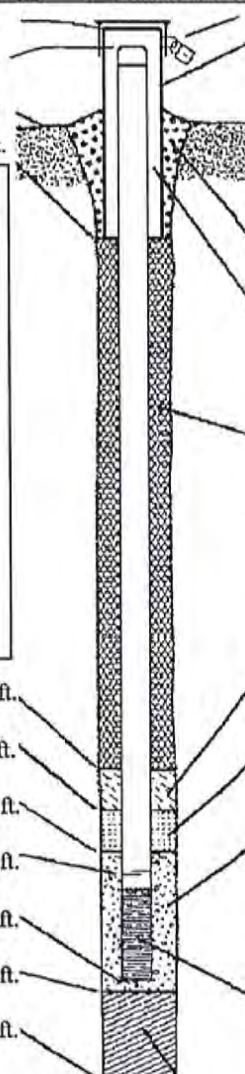
Signature:

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

Facility/Project Name <b>The Couture</b>		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name <b>TWB-13</b>	
Facility License, Permit or Monitoring No.		Local Grid Origin (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <u>11</u> / <u>01</u> / <u>2016</u> m m d d y y y y	
Type of Well Well Code _____ / _____		Section Location of Waste/Source <u>1/4 of SW 1/4 of Sec. 28, T. 7 N. R. 22</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <b>Jim Blair</b>	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	
Enf. Stds. Apply <input type="checkbox"/>				Giles Engineering	

<p>A. Protective pipe, top elevation --- <u>N/A</u> ft. MSL</p> <p>B. Well casing, top elevation --- _____ ft. MSL</p> <p>C. Land surface elevation --- _____ ft. MSL</p> <p>D. Surface seal, bottom --- _____ ft. MSL or --- _____ ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen:                  GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input checked="" type="checkbox"/> SP <input type="checkbox"/>                  SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/>                  Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 5 0                  Hollow Stem Auger <input type="checkbox"/> 4 1  <u>Direct Push</u> Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1                  Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  Describe <u>N/A</u></p> <p>17. Source of water (attach analysis, if required):  <u>N/A</u></p> </div> <p>E. Bentonite seal, top --- _____ ft. MSL or <u>N/A</u> ft.</p> <p>F. Fine sand, top --- _____ ft. MSL or <u>N/A</u> ft.</p> <p>G. Filter pack, top --- _____ ft. MSL or <u>7.35</u> ft.</p> <p>H. Screen joint, top --- _____ ft. MSL or <u>7.35</u> ft.</p> <p>I. Well bottom --- _____ ft. MSL or <u>12.35</u> ft.</p> <p>J. Filter pack, bottom --- _____ ft. MSL or <u>12.35</u> ft.</p> <p>K. Borehole, bottom --- _____ ft. MSL or <u>12.35</u> ft.</p> <p>L. Borehole, diameter --- <u>2.5</u> in.</p> <p>M. O.D. well casing --- <u>1.25</u> in.</p> <p>N. I.D. well casing --- <u>1.0</u> in.</p>	 <p>1. Cap and lock? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Protective cover pipe:                  a. Inside diameter: _____ in.                  b. Length: _____ ft.                  c. Material: <u>N/A</u> Steel <input type="checkbox"/> 0 4                  Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3 0                  Concrete <input type="checkbox"/> 0 1                  Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe:  <u>N/A</u> Bentonite <input type="checkbox"/> 3 0                  Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 3 3                  b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 3 5                  c. _____ Lbs/gal mud weight . . . . . Bentonite slurry <input type="checkbox"/> 3 1                  d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 5 0                  e. _____ Ft<sup>3</sup> volume added for any of the above                  f. How installed: Tremie <input type="checkbox"/> 0 1                  Tremie pumped <input type="checkbox"/> 0 2                  Gravity <input type="checkbox"/> 0 8</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3                  b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3 2                  c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name &amp; mesh size                  a. _____                  b. Volume added _____ ft<sup>3</sup></p> <p>8. Filter pack material: Manufacturer, product name &amp; mesh size                  a. Monoflex, Pre-pack screen, 0.010 Slot, #45 Mesh, 2040 Silica <input checked="" type="checkbox"/>                  b. Volume added _____ ft<sup>3</sup></p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3                  Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4                  Other <input type="checkbox"/></p> <p>10. Screen material: _____                  a. Screen type: Factory cut <input checked="" type="checkbox"/> 1 1                  Continuous slot <input type="checkbox"/> 0 1                  Other <input type="checkbox"/>                  b. Manufacturer _____                  c. Slot size: <u>0.010</u> in.                  d. Slotted length: <u>5</u> ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1 4                  Other <input type="checkbox"/></p>
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Jim Blair 02 Firm Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.



Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <u>The Couture</u>	County Name <u>Milwaukee</u>	Well Name <u>TWB-13</u>	
Facility License, Permit or Monitoring Number	County Code <u>41</u>	Wis. Unique Well Number _____	DNR Well ID Number _____

1. Can this well be purged dry?       Yes     No
2. Well development method
- surged with bailer and bailed       41
  - surged with bailer and pumped       61
  - surged with block and bailed       42
  - surged with block and pumped       62
  - surged with block, bailed and pumped       70
  - compressed air       20
  - bailed only       10
  - pumped only       51
  - pumped slowly       50
  - Other \_\_\_\_\_       \_\_\_\_\_
3. Time spent developing well      20 min.
4. Depth of well (from top of well casing)      12.35 ft.
5. Inside diameter of well      1.0 in.
6. Volume of water in filter pack and well casing      0.09 gal.
7. Volume of water removed from well      2.0 gal.
8. Volume of water added (if any)      0.0 gal.
9. Source of water added      N/A
- 
10. Analysis performed on water added?       Yes     No  
(If yes, attach results)      N/A

- |   | Before Development   | After Development  |
|---|--|--|
| 11. Depth to Water (from top of well casing)                              | a. <u>10.35</u> ft.  | <u>10.29</u> ft.   |
| Date  | b. <u>10 / 31 / 2016</u>   | <u>10 / 31 / 2016</u>  |
| Time  | c. <u>03 : 05</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.               | <u>03 : 25</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.                  |
| 12. Sediment in well bottom   | _____ inches   | _____ inches   |
| 13. Water clarity   | Clear <input type="checkbox"/> 10<br>Turbid <input checked="" type="checkbox"/> 15<br>(Describe) _____ | Clear <input checked="" type="checkbox"/> 20<br>Turbid <input type="checkbox"/> 25<br>(Describe) _____ |
| Turbidity was <u>5.83</u> NTU   |  |  |
| Fill in if drilling fluids were used and well is at solid waste facility: |  |  |
| 14. Total suspended solids  | _____ mg/l   | _____ mg/l   |
| 15. COD   | _____ mg/l   | _____ mg/l   |
| 16. Well developed by: Name (first, last) and Firm                        |  |  |
| First Name:   | <u>Kelly</u>   | Last Name: <u>Hayden</u>   |
| Firm: <u>Giles Engineering Associates, Inc.</u>                           |  |  |

17. Additional comments on development:

Name and Address of Facility Contact / Owner / Responsible Party


First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Facility/Firm: The Couture, LLC

Street: 1600 North 6th Street

City/State/Zip: Milwaukee, WI 53212

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name The Couture	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name TWB-14
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or St. Plane _____ ft. N. _____ ft. E. S/C/N	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID _____	Section Location of Waste/Source 1/4 of SW 1/4 of Sec. 28, T. 7 N, R. 22 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Date Well Installed 11 / 01 / 2016 m m d d y y y y
Type of Well Well Code _____ / _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: Name (first, last) and Firm Jim Blair Giles Engineering
Distance from Waste/ Source _____ ft.	Gov. Lot Number _____	

A. Protective pipe, top elevation	----- N/A ----- ft. MSL	1. Cap and lock?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B. Well casing, top elevation	----- ft. MSL	2. Protective cover pipe:	
C. Land surface elevation	----- ft. MSL	a. Inside diameter:	----- in.
D. Surface seal, bottom	----- ft. MSL or ----- ft.	b. Length:	----- ft.
		c. Material:	N/A Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen:		d. Additional protection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/>		If yes, describe: _____	
SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input checked="" type="checkbox"/>		3. Surface seal:	Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
Bedrock <input type="checkbox"/>		4. Material between well casing and protective pipe:	N/A Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. Annular space seal:	a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above
14. Drilling method used:	Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Direct Push <input checked="" type="checkbox"/> Other <input type="checkbox"/>	f. How installed:	Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99		6. Bentonite seal:	a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7. Fine sand material: Manufacturer, product name & mesh size	
Describe N/A		a. _____	
17. Source of water (attach analysis, if required):	N/A	b. Volume added _____ ft <sup>3</sup>	
		8. Filter pack material: Manufacturer, product name & mesh size	
		a. Monoflex, Pre-pack screen, 0.010 Slot, #45 Mesh, 2040 Silica	
		b. Volume added _____ ft <sup>3</sup>	
E. Bentonite seal, top	----- ft. MSL or N/A ----- ft.	9. Well casing:	Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
F. Fine sand, top	----- ft. MSL or N/A ----- ft.	10. Screen material:	
G. Filter pack, top	----- ft. MSL or 9.13 ----- ft.	a. Screen type:	Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
H. Screen joint, top	----- ft. MSL or 9.13 ----- ft.	b. Manufacturer _____	
I. Well bottom	----- ft. MSL or 14.13 ----- ft.	c. Slot size: 0.010 in.	
J. Filter pack, bottom	----- ft. MSL or 14.13 ----- ft.	d. Slotted length: _____ ft.	
K. Borehole, bottom	----- ft. MSL or 14.13 ----- ft.	11. Backfill material (below filter pack):	None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
L. Borehole, diameter	----- 2.5 ----- in.		
M. O.D. well casing	----- 1.25 ----- in.		
N. I.D. well casing	----- 1.0 ----- in.		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Jim Blair Firm Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <u>The Couture</u>	County Name <u>Milwaukee</u>	Well Name <u>TWB-14</u>	
Facility License, Permit or Monitoring Number	County Code <u>41</u>	Wis. Unique Well Number _____	DNR Well ID Number _____

1. Can this well be purged dry?  Yes  No
2. Well development method
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - Other \_\_\_\_\_
3. Time spent developing well \_\_\_\_\_ 20 min.
4. Depth of well (from top of well casing) \_\_\_\_\_ 14.13 ft.
5. Inside diameter of well \_\_\_\_\_ 1.0 in.
6. Volume of water in filter pack and well casing \_\_\_\_\_ 0.15 gal.
7. Volume of water removed from well \_\_\_\_\_ 3.0 gal.
8. Volume of water added (if any) \_\_\_\_\_ 0.0 gal.
9. Source of water added \_\_\_\_\_ N/A
- 
10. Analysis performed on water added?  Yes  No  
(If yes, attach results) \_\_\_\_\_ N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. _____ <u>10.90</u> _____ ft.	_____ <u>10.86</u> _____ ft.
Date	b. <u>10</u> / <u>31</u> / <u>2016</u>	<u>10</u> / <u>31</u> / <u>2016</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>03</u> : <u>05</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>03</u> : <u>25</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ . _____ inches	_____ . _____ inches
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe)	Clear <input type="checkbox"/> 2 0 Turbid <input checked="" type="checkbox"/> 2 5 (Describe)
	Turbidity was <u>89.6</u> NTU	
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l
16. Well developed by: Name (first, last) and Firm		
First Name:	<u>Kelly</u>	Last Name: <u>Hayden</u>
Firm:	<u>Giles Engineering Associates, Inc.</u>	

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Facility/Firm: The Couture, LLC

Street: 1600 North 6th Street

City/State/Zip: Milwaukee, WI 53212

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

## **APPENDIX D**

### **Soil Analytical Reports & Chain-of-Custody Documentation**

**Summary of Analytes by Location and Depth  
Contour Development  
Project No. 1E-1704007**

<b>Boring</b>	<b>Total Depth (ft)</b>	<b>Sample Depth (ft)</b>	<b>Analytes</b>
B-1	22	2-4	VOCs, PAHs, RCRA
B-1		12-14	
B-1A	10	0-2	VOCs, PAHs
B-1A		2-4	
B-1A		4-6	
B-1B	10	0-2	VOCs, PAHs
B-1B		2-4	
B-1B		4-6	
B-1C	10	0-2	VOCs, PAHs, RCRA
B-1C		2-4	
B-1C		4-6	
B-2	16	2-4	VOCs, PAHs, RCRA
B-2		10-12	
B-2A	15	2-4	VOCs, PAHs
B-2A		4-6	
B-2A		6-8	
B-2B	15	2-4	VOCs, PAHs
B-2B		4-6	
B-2B		6-8	
B-2C	15	2-4	VOCs, PAHs, RCRA
B-2C		4-6	
B-2C		6-8	
B-3	18	2-4	VOCs, PAHs, RCRA
B-3		10-12	VOCs
B-3		14-16	VOCs, PAHs, RCRA
B-4	16	2-4	VOCs, PAHs, RCRA
B-4		14-16	VOCs, PAHs, RCRA
B-4A	10	2-4	VOCs, PAHs
B-4A		4-6	PAHs
B-4A		6-8	VOCs, PAHs
B-4B	10	2-4	VOCs, PAHs
B-4B		6-8	VOCs, PAHs
B-4C	15	2-4	VOCs, PAHs, RCRA
B-4C		6-8	VOCs, RCRA
B-4C		14-16	RCRA
B-5	16	2-4	VOCs, PAHs, RCRA
B-5		14-16	
B-6	16	2-4	VOCs, PAHs, RCRA
B-6		14-16	VOCs, PAHs
B-7	20	2-4	VOCs
B-7		14-16	PAHs, RCRA
B-8	16	2-4	VOCs, PAHs, RCRA
B-8		14-16	
B-9	16	2-4	VOCs, PAHs, RCRA
B-9		14-16	
B-10	16	2-4	VOCs, PAHs, RCRA
B-10		14-16	
B-10A	15	2-4	VOCs, PAHs
B-10A		6-8	
B-10A		8-10	
B-10B	15	2-4	VOCs, PAHs, RCRA
B-10B		6-8	
B-10B		8-10	
B-10C	15	2-4	VOCs, PAHs
B-10C		6-8	
B-10C		8-10	

**Summary of Analytes by Location and Depth**  
**Contour Development**  
**Project No. 1E-1704007**

Boring	Total Depth (ft)	Sample Depth (ft)	Analytes
B-11	15	2-4	VOCs,PAHs, RCRA
B-11		14-16	
B-11A	15	0-2	VOCs, PAHs, RCRA
B-11A		2-4	
B-11A		4-6	
B-11B	10	0-2	VOCs, PAH
B-11B		2-4	
B-11B		4-6	
B-11C	10	2-4	VOCs, PAH
B-11C		4-6	
B-11C		6-8	
B-12	16	2-4	VOCs,PAHs, RCRA
B-12		14-16	
B-13	16	2-4	VOCs,PAHs, RCRA
B-13		14-16	
B-14	15	2-4	VOCs,PAHs, RCRA VOCs, PAHS,RCRA VOCs
B-14		14-15	
B-14		14-16	
B-14A	20	2-4	VOCs, PAHs
B-14A		4-6	
B-14A		10-12	
B-14A		14-16	
B-14B	20	2-4	VOCs, PAHs
B-14B		4-6	
B-14B		10-12	
B-14B		14-16	
B-14C	20	2-4	VOCs, PAHs, RCRA
B-14C		4-6	
B-14C		10-12	
B-14C		14-16	
B-15	20	2-4	VOCs,PAHs, RCRA
B-15		14-16	
B-15A	18	2-4	VOCs, PAHs, RCRA, TCLP
B-15A		6-8	
B-15A		10-12	
B-15A		14-16	
B-15AA	10	2-4	VOCs, PAHs, RCRA
B-15AA		4-6	
B-15AA		6-8	
B-15AAA	10	2-4	VOCs, RCRA
B-15AAA		4-6	
B-15AAA		6-8	
B-15B	16	2-4	VOCs, PAHs
B-15B		6-8	
B-15B		10-12	
B-15BB	10	2-4	VOCs
B-15BB		4-6	
B-15BB		6-8	
B-15C	20	2-4	VOCs, PAHs, RCRA
B-15C		6-8	
B-15C		10-12	
B-15CC	10	2-4	VOCs
B-15CC		4-6	
B-15CC		6-8	
B-15CCC	10	2-4	VOCs
B-15CCC		4-6	
B-15CCC		6-8	
B-16	11	2-4	VOCs, PAHs, RCRA

**Summary of Analytes by Location and Depth**  
**Contour Development**  
**Project No. 1E-1704007**

Boring	Total Depth (ft)	Sample Depth (ft)	Analytes
B-17	10	2-4	VOCs, PAHs, RCRA
B-17		4-6	
B-17		6-8	
B-18	10	2-4	VOCs, PAHs, RCRA
B-18		4-6	
B-18		6-8	
B-19	10	2-4	VOCs, PAHs
B-19		4-6	
B-19		8-10	
B-20	10	2-4	VOCs, PAHs
B-20		4-6	
B-20		8-10	
B-21	10	2-4	VOCs, PAHs
B-21		4-6	
B-21		8-10	
B-22	10	2-4	VOCs, PAHs
B-22		6-8	
B-23	15	2-4	VOCs, PAHs
B-23		4-6	VOCs
B-23		6-8	VOCs, PAHs
B-23		12-14	VOCs, PAHs
B-23A	10	2-6	VOCs
B-23A		4-6	
B-23A		6-8	
B-23B	10	2-4	VOCs
B-23B		4-6	
B-23B		6-8	
B-23C	10	2-4	VOCs
B-23C		4-6	
B-23C		6-8	
B-24	11	2-4	VOCs, PAHs
B-24		6-8	
B-24		8-10	
B-25	20	2-4	VOCs
B-25		4-6	VOCs
B-25		6-8	VOCs, PAHs
B-25		6-8 dup.	VOCs, PAHs
B-25		8-10	VOCs
B-25		10-12	VOCs, PAHs
B-25		16-18	VOCs, PAHs
B-25		18-20	VOC, PAHs
B-25A	8	2-4	VOCs
B-25A		4-6	
B-25A		6-8	
B-25B	10	2-4	VOCs
B-25B		4-8	
B-25B		6-8	
B-25C	10	2-4	VOCs
B-25C		4-6	
B-25C		6-8	
B-26	20	2-4	VOCs, PAHs
B-26		6-8	
B-26		10-12	
B-26		14-16	
B-26 dup	20	2-4	VOCs
B-26 dup		14-16	
B-27	20	2-4	VOCs, PAH
B-27		6-8	
B-27		10-12	
B-27		14-16	

**Summary of Analytes by Location and Depth**  
**Contour Development**  
**Project No. 1E-1704007**

Boring	Total Depth (ft)	Sample Depth (ft)	Analytes
B-28	10	2-4	VOCs, PAHs
B-28		6-8	
B-28		8-10	
B-29	10	2-4	VOCs, PAHs
B-29		6-8	
B-29		8-10	
B-30	10	2-4	VOCs, PAHs, RCRA
B-30		6-8	VOCs, PAHs, RCRA
B-30		8-10	PAHs, RCRA
B-31	10	2-4	VOCs, PAHs, RCRA
B-31		6-8	
B-31		8-10	
B-32	12	2-4	VOCs, PAHs, RCRA
B-32		6-8	VOCs, PAHs
B-32		8-10	VOCs, PAHs
B-33	11	2-4	VOCs, PAHs, RCRA
B-33		4-6	VOCs, PAHs
B-34	20	2-4	VOCs, PAHs, RCRA
B-34		4-6	
B-34		10-12	
B-34		14-16	
B-34		18-20	
B-34A	15	10-12	Arsenic
B-34A		12-14	
B-34B	15	10-12	Arsenic
B-34B		12-14	
B-34C	15	10-12	Arsenic
B-34C		12-14	
B-35	10	2-4	VOCs
B-35		4-6	
B-35		6-8	
B-36	10	2-4	VOCs
B-36		4-6	
B-36		6-8	
B-37	6	2-4	VOCs
B-37		4-6	
B-38	10	2-4	VOCs
B-38		4-6	
B-38		6-8	
B-39	10	2-4	VOCs
B-39		4-6	
B-39		6-8	
B-40	10	10-12	VOCs
B-40		16-18	
B-40		18-20	

**Notes:**

VOCs = volatile organic compounds.

PAHs = polycyclic aromatic hydrocarbon compounds.

RCRA = Four RCRA metals arsenic, lead, mercury, selenium.

TCLP = Toxicity characteristic leaching procedure.

Samples highlighted in blue indicate samples collected during 2016 Phase II ESA.



July 05, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on June 23, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152263001	TWB-1A 0-2	Solid	06/22/17 10:15	06/23/17 13:51
40152263002	TWB-1A 2-4	Solid	06/22/17 10:20	06/23/17 13:51
40152263003	TWB-1A 4-6	Solid	06/22/17 10:25	06/23/17 13:51
40152263004	TWB-1B 0-2	Solid	06/22/17 12:00	06/23/17 13:51
40152263005	TWB-1B 2-4	Solid	06/22/17 12:05	06/23/17 13:51
40152263006	TWB-1B 4-6	Solid	06/22/17 12:10	06/23/17 13:51
40152263007	TWB-1C 0-2	Solid	06/22/17 11:10	06/23/17 13:51
40152263008	TWB-1C 2-4	Solid	06/22/17 11:15	06/23/17 13:51
40152263009	TWB-1C 4-6	Solid	06/22/17 11:20	06/23/17 13:51

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152263001	TWB-1A 0-2	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152263002	TWB-1A 2-4	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152263003	TWB-1A 4-6	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152263004	TWB-1B 0-2	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152263005	TWB-1B 2-4	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152263006	TWB-1B 4-6	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152263007	TWB-1C 0-2	EPA 6010	JLD	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152263008	TWB-1C 2-4	EPA 6010	JLD	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152263009	TWB-1C 4-6	EPA 6010	JLD	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152263001</b>	<b>TWB-1A 0-2</b>					
EPA 8270 by SIM	Acenaphthene	32.2	ug/kg	28.9	07/04/17 04:54	
EPA 8270 by SIM	Anthracene	103	ug/kg	42.6	07/04/17 04:54	
EPA 8270 by SIM	Benzo(a)anthracene	313	ug/kg	23.8	07/04/17 04:54	
EPA 8270 by SIM	Benzo(a)pyrene	322	ug/kg	18.8	07/04/17 04:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	461	ug/kg	21.1	07/04/17 04:54	
EPA 8270 by SIM	Benzo(g,h,i)perylene	107	ug/kg	15.2	07/04/17 04:54	
EPA 8270 by SIM	Benzo(k)fluoranthene	194	ug/kg	18.7	07/04/17 04:54	
EPA 8270 by SIM	Chrysene	297	ug/kg	25.1	07/04/17 04:54	
EPA 8270 by SIM	Dibenz(a,h)anthracene	34.3	ug/kg	16.7	07/04/17 04:54	
EPA 8270 by SIM	Fluoranthene	786	ug/kg	39.0	07/04/17 04:54	
EPA 8270 by SIM	Fluorene	23.3J	ug/kg	30.9	07/04/17 04:54	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	111	ug/kg	16.4	07/04/17 04:54	
EPA 8270 by SIM	2-Methylnaphthalene	19.4J	ug/kg	37.5	07/04/17 04:54	
EPA 8270 by SIM	Naphthalene	19.5J	ug/kg	63.0	07/04/17 04:54	
EPA 8270 by SIM	Phenanthrene	274	ug/kg	87.0	07/04/17 04:54	
EPA 8270 by SIM	Pyrene	527	ug/kg	33.6	07/04/17 04:54	
EPA 8260	Benzene	55.6J	ug/kg	67.2	06/28/17 13:04	
EPA 8260	Methylene Chloride	66.3J	ug/kg	67.2	06/28/17 13:04	B
EPA 8260	Trichlorofluoromethane	92.3	ug/kg	67.2	06/28/17 13:04	
ASTM D2974-87	Percent Moisture	10.7	%	0.10	06/27/17 13:03	
<b>40152263002</b>	<b>TWB-1A 2-4</b>					
EPA 8270 by SIM	Acenaphthene	14.9	ug/kg	14.0	07/04/17 05:11	
EPA 8270 by SIM	Acenaphthylene	10.9J	ug/kg	12.0	07/04/17 05:11	
EPA 8270 by SIM	Anthracene	71.9	ug/kg	20.7	07/04/17 05:11	
EPA 8270 by SIM	Benzo(a)anthracene	252	ug/kg	11.5	07/04/17 05:11	
EPA 8270 by SIM	Benzo(a)pyrene	285	ug/kg	9.1	07/04/17 05:11	
EPA 8270 by SIM	Benzo(b)fluoranthene	449	ug/kg	10.2	07/04/17 05:11	
EPA 8270 by SIM	Benzo(g,h,i)perylene	84.3	ug/kg	7.4	07/04/17 05:11	
EPA 8270 by SIM	Benzo(k)fluoranthene	139	ug/kg	9.1	07/04/17 05:11	
EPA 8270 by SIM	Chrysene	250	ug/kg	12.2	07/04/17 05:11	
EPA 8270 by SIM	Dibenz(a,h)anthracene	30.1	ug/kg	8.1	07/04/17 05:11	
EPA 8270 by SIM	Fluoranthene	506	ug/kg	18.9	07/04/17 05:11	
EPA 8270 by SIM	Fluorene	16.1	ug/kg	15.0	07/04/17 05:11	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	86.6	ug/kg	8.0	07/04/17 05:11	
EPA 8270 by SIM	1-Methylnaphthalene	33.3	ug/kg	14.6	07/04/17 05:11	
EPA 8270 by SIM	2-Methylnaphthalene	45.2	ug/kg	18.2	07/04/17 05:11	
EPA 8270 by SIM	Naphthalene	38.8	ug/kg	30.6	07/04/17 05:11	
EPA 8270 by SIM	Phenanthrene	185	ug/kg	42.2	07/04/17 05:11	
EPA 8270 by SIM	Pyrene	374	ug/kg	16.3	07/04/17 05:11	
EPA 8260	Benzene	79.5	ug/kg	65.3	06/27/17 20:30	
EPA 8260	Ethylbenzene	50.5J	ug/kg	65.3	06/27/17 20:30	
EPA 8260	Toluene	65.8	ug/kg	65.3	06/27/17 20:30	
EPA 8260	Trichlorofluoromethane	139	ug/kg	65.3	06/27/17 20:30	
EPA 8260	1,2,4-Trimethylbenzene	81.1	ug/kg	65.3	06/27/17 20:30	
EPA 8260	Xylene (Total)	230	ug/kg	196	06/27/17 20:30	
ASTM D2974-87	Percent Moisture	8.1	%	0.10	06/27/17 13:03	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152263003</b>	<b>TWB-1A 4-6</b>					
EPA 8270 by SIM	Acenaphthene	19.7	ug/kg	13.9	07/04/17 02:37	
EPA 8270 by SIM	Acenaphthylene	4.7J	ug/kg	11.9	07/04/17 02:37	
EPA 8270 by SIM	Anthracene	64.7	ug/kg	20.5	07/04/17 02:37	
EPA 8270 by SIM	Benzo(a)anthracene	198	ug/kg	11.5	07/04/17 02:37	
EPA 8270 by SIM	Benzo(a)pyrene	235	ug/kg	9.0	07/04/17 02:37	
EPA 8270 by SIM	Benzo(b)fluoranthene	402	ug/kg	10.2	07/04/17 02:37	
EPA 8270 by SIM	Benzo(g,h,i)perylene	184	ug/kg	7.3	07/04/17 02:37	
EPA 8270 by SIM	Benzo(k)fluoranthene	117	ug/kg	9.0	07/04/17 02:37	
EPA 8270 by SIM	Chrysene	258	ug/kg	12.1	07/04/17 02:37	
EPA 8270 by SIM	Dibenz(a,h)anthracene	50.9	ug/kg	8.0	07/04/17 02:37	
EPA 8270 by SIM	Fluoranthene	412	ug/kg	18.8	07/04/17 02:37	
EPA 8270 by SIM	Fluorene	21.3	ug/kg	14.9	07/04/17 02:37	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	168	ug/kg	7.9	07/04/17 02:37	
EPA 8270 by SIM	1-Methylnaphthalene	10.3J	ug/kg	14.5	07/04/17 02:37	
EPA 8270 by SIM	2-Methylnaphthalene	12.3J	ug/kg	18.0	07/04/17 02:37	
EPA 8270 by SIM	Naphthalene	12.7J	ug/kg	30.4	07/04/17 02:37	
EPA 8270 by SIM	Phenanthrene	248	ug/kg	41.9	07/04/17 02:37	
EPA 8270 by SIM	Pyrene	303	ug/kg	16.2	07/04/17 02:37	
ASTM D2974-87	Percent Moisture	7.4	%	0.10	06/27/17 13:03	
<b>40152263004</b>	<b>TWB-1B 0-2</b>					
EPA 8270 by SIM	Acenaphthene	14.7J	ug/kg	28.2	07/04/17 05:28	
EPA 8270 by SIM	Acenaphthylene	11.6J	ug/kg	24.0	07/04/17 05:28	
EPA 8270 by SIM	Anthracene	57.8	ug/kg	41.5	07/04/17 05:28	
EPA 8270 by SIM	Benzo(a)anthracene	237	ug/kg	23.2	07/04/17 05:28	
EPA 8270 by SIM	Benzo(a)pyrene	259	ug/kg	18.3	07/04/17 05:28	
EPA 8270 by SIM	Benzo(b)fluoranthene	376	ug/kg	20.6	07/04/17 05:28	
EPA 8270 by SIM	Benzo(g,h,i)perylene	102	ug/kg	14.8	07/04/17 05:28	
EPA 8270 by SIM	Benzo(k)fluoranthene	142	ug/kg	18.3	07/04/17 05:28	
EPA 8270 by SIM	Chrysene	232	ug/kg	24.5	07/04/17 05:28	
EPA 8270 by SIM	Dibenz(a,h)anthracene	32.0	ug/kg	16.3	07/04/17 05:28	
EPA 8270 by SIM	Fluoranthene	488	ug/kg	38.0	07/04/17 05:28	
EPA 8270 by SIM	Fluorene	14.4J	ug/kg	30.2	07/04/17 05:28	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	99.8	ug/kg	16.0	07/04/17 05:28	
EPA 8270 by SIM	1-Methylnaphthalene	23.5J	ug/kg	29.3	07/04/17 05:28	
EPA 8270 by SIM	2-Methylnaphthalene	38.6	ug/kg	36.5	07/04/17 05:28	
EPA 8270 by SIM	Naphthalene	35.0J	ug/kg	61.4	07/04/17 05:28	
EPA 8270 by SIM	Phenanthrene	186	ug/kg	84.8	07/04/17 05:28	
EPA 8270 by SIM	Pyrene	400	ug/kg	32.8	07/04/17 05:28	
EPA 8260	Benzene	109	ug/kg	65.5	06/27/17 21:16	
EPA 8260	n-Propylbenzene	38.2J	ug/kg	65.5	06/27/17 21:16	
EPA 8260	Toluene	27.4J	ug/kg	65.5	06/27/17 21:16	
EPA 8260	1,2,4-Trimethylbenzene	73.3	ug/kg	65.5	06/27/17 21:16	
EPA 8260	1,3,5-Trimethylbenzene	29.3J	ug/kg	65.5	06/27/17 21:16	
EPA 8260	Xylene (Total)	113J	ug/kg	196	06/27/17 21:16	
ASTM D2974-87	Percent Moisture	8.3	%	0.10	06/27/17 13:03	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152263005</b>	<b>TWB-1B 2-4</b>					
EPA 8270 by SIM	Acenaphthene	23.5J	ug/kg	28.7	07/04/17 05:45	
EPA 8270 by SIM	Acenaphthylene	14.8J	ug/kg	24.5	07/04/17 05:45	
EPA 8270 by SIM	Anthracene	82.9	ug/kg	42.3	07/04/17 05:45	
EPA 8270 by SIM	Benzo(a)anthracene	263	ug/kg	23.6	07/04/17 05:45	
EPA 8270 by SIM	Benzo(a)pyrene	282	ug/kg	18.6	07/04/17 05:45	
EPA 8270 by SIM	Benzo(b)fluoranthene	427	ug/kg	20.9	07/04/17 05:45	
EPA 8270 by SIM	Benzo(g,h,i)perylene	99.3	ug/kg	15.1	07/04/17 05:45	
EPA 8270 by SIM	Benzo(k)fluoranthene	150	ug/kg	18.6	07/04/17 05:45	
EPA 8270 by SIM	Chrysene	268	ug/kg	24.9	07/04/17 05:45	
EPA 8270 by SIM	Dibenz(a,h)anthracene	31.5	ug/kg	16.6	07/04/17 05:45	
EPA 8270 by SIM	Fluoranthene	566	ug/kg	38.7	07/04/17 05:45	
EPA 8270 by SIM	Fluorene	20.9J	ug/kg	30.7	07/04/17 05:45	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	101	ug/kg	16.3	07/04/17 05:45	
EPA 8270 by SIM	1-Methylnaphthalene	32.1	ug/kg	29.8	07/04/17 05:45	
EPA 8270 by SIM	2-Methylnaphthalene	42.8	ug/kg	37.2	07/04/17 05:45	
EPA 8270 by SIM	Naphthalene	44.4J	ug/kg	62.6	07/04/17 05:45	
EPA 8270 by SIM	Phenanthrene	237	ug/kg	86.4	07/04/17 05:45	
EPA 8270 by SIM	Pyrene	470	ug/kg	33.4	07/04/17 05:45	
EPA 8260	Benzene	76.4	ug/kg	66.8	06/28/17 13:27	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	06/27/17 13:04	
<b>40152263006</b>	<b>TWB-1B 4-6</b>					
EPA 8270 by SIM	Acenaphthene	8.7J	ug/kg	14.5	07/04/17 06:02	
EPA 8270 by SIM	Acenaphthylene	5.0J	ug/kg	12.4	07/04/17 06:02	
EPA 8270 by SIM	Anthracene	33.2	ug/kg	21.4	07/04/17 06:02	
EPA 8270 by SIM	Benzo(a)anthracene	115	ug/kg	11.9	07/04/17 06:02	
EPA 8270 by SIM	Benzo(a)pyrene	126	ug/kg	9.4	07/04/17 06:02	
EPA 8270 by SIM	Benzo(b)fluoranthene	185	ug/kg	10.6	07/04/17 06:02	
EPA 8270 by SIM	Benzo(g,h,i)perylene	46.0	ug/kg	7.6	07/04/17 06:02	
EPA 8270 by SIM	Benzo(k)fluoranthene	63.2	ug/kg	9.4	07/04/17 06:02	
EPA 8270 by SIM	Chrysene	111	ug/kg	12.6	07/04/17 06:02	
EPA 8270 by SIM	Dibenz(a,h)anthracene	13.1	ug/kg	8.4	07/04/17 06:02	
EPA 8270 by SIM	Fluoranthene	252	ug/kg	19.6	07/04/17 06:02	
EPA 8270 by SIM	Fluorene	9.4J	ug/kg	15.6	07/04/17 06:02	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	44.7	ug/kg	8.3	07/04/17 06:02	
EPA 8270 by SIM	1-Methylnaphthalene	10.2J	ug/kg	15.1	07/04/17 06:02	
EPA 8270 by SIM	2-Methylnaphthalene	17.7J	ug/kg	18.8	07/04/17 06:02	
EPA 8270 by SIM	Naphthalene	15.2J	ug/kg	31.7	07/04/17 06:02	
EPA 8270 by SIM	Phenanthrene	106	ug/kg	43.7	07/04/17 06:02	
EPA 8270 by SIM	Pyrene	213	ug/kg	16.9	07/04/17 06:02	
ASTM D2974-87	Percent Moisture	11.3	%	0.10	06/27/17 13:04	
<b>40152263007</b>	<b>TWB-1C 0-2</b>					
EPA 6010	Arsenic	7.2	mg/kg	5.4	06/27/17 18:51	
EPA 6010	Lead	51.0	mg/kg	1.4	06/27/17 18:51	
EPA 8270 by SIM	Acenaphthene	54.0	ug/kg	28.1	07/04/17 06:20	
EPA 8270 by SIM	Acenaphthylene	14.6J	ug/kg	24.0	07/04/17 06:20	
EPA 8270 by SIM	Anthracene	111	ug/kg	41.4	07/04/17 06:20	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152263007</b>	<b>TWB-1C 0-2</b>					
EPA 8270 by SIM	Benzo(a)anthracene	304	ug/kg	23.1	07/04/17 06:20	
EPA 8270 by SIM	Benzo(a)pyrene	312	ug/kg	18.3	07/04/17 06:20	
EPA 8270 by SIM	Benzo(b)fluoranthene	469	ug/kg	20.5	07/04/17 06:20	
EPA 8270 by SIM	Benzo(g,h,i)perylene	101	ug/kg	14.8	07/04/17 06:20	
EPA 8270 by SIM	Benzo(k)fluoranthene	163	ug/kg	18.2	07/04/17 06:20	
EPA 8270 by SIM	Chrysene	276	ug/kg	24.4	07/04/17 06:20	
EPA 8270 by SIM	Dibenz(a,h)anthracene	32.5	ug/kg	16.2	07/04/17 06:20	
EPA 8270 by SIM	Fluoranthene	662	ug/kg	37.9	07/04/17 06:20	
EPA 8270 by SIM	Fluorene	41.2	ug/kg	30.1	07/04/17 06:20	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	105	ug/kg	16.0	07/04/17 06:20	
EPA 8270 by SIM	1-Methylnaphthalene	61.5	ug/kg	29.2	07/04/17 06:20	
EPA 8270 by SIM	2-Methylnaphthalene	78.9	ug/kg	36.4	07/04/17 06:20	
EPA 8270 by SIM	Naphthalene	112	ug/kg	61.3	07/04/17 06:20	
EPA 8270 by SIM	Phenanthrene	312	ug/kg	84.6	07/04/17 06:20	
EPA 8270 by SIM	Pyrene	553	ug/kg	32.7	07/04/17 06:20	
EPA 8260	Benzene	184	ug/kg	65.5	06/28/17 14:14	
EPA 8260	Ethylbenzene	36.3J	ug/kg	65.5	06/28/17 14:14	
EPA 8260	Methylene Chloride	56.7J	ug/kg	65.5	06/28/17 14:14	B
EPA 8260	Naphthalene	48.1J	ug/kg	273	06/28/17 14:14	
EPA 8260	n-Propylbenzene	28.5J	ug/kg	65.5	06/28/17 14:14	
EPA 8260	1,2,4-Trimethylbenzene	50.5J	ug/kg	65.5	06/28/17 14:14	
ASTM D2974-87	Percent Moisture	8.4	%	0.10	06/28/17 09:00	
<b>40152263008</b>	<b>TWB-1C 2-4</b>					
EPA 6010	Arsenic	6.3	mg/kg	5.0	06/27/17 18:53	
EPA 6010	Lead	77.1	mg/kg	1.3	06/27/17 18:53	
EPA 8270 by SIM	Acenaphthene	21.0	ug/kg	13.8	07/04/17 06:37	
EPA 8270 by SIM	Acenaphthylene	12.2	ug/kg	11.8	07/04/17 06:37	
EPA 8270 by SIM	Anthracene	65.9	ug/kg	20.4	07/04/17 06:37	
EPA 8270 by SIM	Benzo(a)anthracene	231	ug/kg	11.4	07/04/17 06:37	
EPA 8270 by SIM	Benzo(a)pyrene	241	ug/kg	9.0	07/04/17 06:37	
EPA 8270 by SIM	Benzo(b)fluoranthene	358	ug/kg	10.1	07/04/17 06:37	
EPA 8270 by SIM	Benzo(g,h,i)perylene	78.9	ug/kg	7.3	07/04/17 06:37	
EPA 8270 by SIM	Benzo(k)fluoranthene	127	ug/kg	9.0	07/04/17 06:37	
EPA 8270 by SIM	Chrysene	209	ug/kg	12.0	07/04/17 06:37	
EPA 8270 by SIM	Dibenz(a,h)anthracene	25.8	ug/kg	8.0	07/04/17 06:37	
EPA 8270 by SIM	Fluoranthene	485	ug/kg	18.7	07/04/17 06:37	
EPA 8270 by SIM	Fluorene	24.8	ug/kg	14.8	07/04/17 06:37	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	79.6	ug/kg	7.9	07/04/17 06:37	
EPA 8270 by SIM	1-Methylnaphthalene	45.4	ug/kg	14.4	07/04/17 06:37	
EPA 8270 by SIM	2-Methylnaphthalene	65.5	ug/kg	17.9	07/04/17 06:37	
EPA 8270 by SIM	Naphthalene	61.9	ug/kg	30.2	07/04/17 06:37	
EPA 8270 by SIM	Phenanthrene	211	ug/kg	41.7	07/04/17 06:37	
EPA 8270 by SIM	Pyrene	414	ug/kg	16.1	07/04/17 06:37	
EPA 8260	Benzene	290	ug/kg	64.6	06/28/17 14:37	
EPA 8260	Ethylbenzene	58.3J	ug/kg	64.6	06/28/17 14:37	
EPA 8260	Toluene	84.0	ug/kg	64.6	06/28/17 14:37	
EPA 8260	1,2,4-Trimethylbenzene	54.9J	ug/kg	64.6	06/28/17 14:37	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152263008</b>	<b>TWB-1C 2-4</b>					
EPA 8260	Xylene (Total)	195	ug/kg	194	06/28/17 14:37	
ASTM D2974-87	Percent Moisture	7.1	%	0.10	06/28/17 09:00	
<b>40152263009</b>	<b>TWB-1C 4-6</b>					
EPA 6010	Arsenic	6.0	mg/kg	5.2	06/27/17 18:56	
EPA 6010	Lead	57.7	mg/kg	1.4	06/27/17 18:56	
EPA 8270 by SIM	Acenaphthene	22.6	ug/kg	14.7	07/04/17 06:54	
EPA 8270 by SIM	Acenaphthylene	15.7	ug/kg	12.6	07/04/17 06:54	
EPA 8270 by SIM	Anthracene	90.3	ug/kg	21.7	07/04/17 06:54	
EPA 8270 by SIM	Benzo(a)anthracene	261	ug/kg	12.1	07/04/17 06:54	
EPA 8270 by SIM	Benzo(a)pyrene	263	ug/kg	9.6	07/04/17 06:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	389	ug/kg	10.7	07/04/17 06:54	
EPA 8270 by SIM	Benzo(g,h,i)perylene	81.3	ug/kg	7.7	07/04/17 06:54	
EPA 8270 by SIM	Benzo(k)fluoranthene	154	ug/kg	9.5	07/04/17 06:54	
EPA 8270 by SIM	Chrysene	248	ug/kg	12.8	07/04/17 06:54	
EPA 8270 by SIM	Dibenz(a,h)anthracene	25.9	ug/kg	8.5	07/04/17 06:54	
EPA 8270 by SIM	Fluoranthene	589	ug/kg	19.9	07/04/17 06:54	
EPA 8270 by SIM	Fluorene	20.1	ug/kg	15.8	07/04/17 06:54	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	79.7	ug/kg	8.4	07/04/17 06:54	
EPA 8270 by SIM	1-Methylnaphthalene	19.3	ug/kg	15.3	07/04/17 06:54	
EPA 8270 by SIM	2-Methylnaphthalene	29.2	ug/kg	19.1	07/04/17 06:54	
EPA 8270 by SIM	Naphthalene	36.9	ug/kg	32.1	07/04/17 06:54	
EPA 8270 by SIM	Phenanthrene	252	ug/kg	44.3	07/04/17 06:54	
EPA 8270 by SIM	Pyrene	467	ug/kg	17.1	07/04/17 06:54	
EPA 8260	Benzene	53.4J	ug/kg	68.5	06/28/17 15:00	
ASTM D2974-87	Percent Moisture	12.4	%	0.10	06/28/17 09:01	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Sample: **TWB-1A 0-2** Lab ID: **40152263001** Collected: 06/22/17 10:15 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	32.2	ug/kg	28.9	8.7	2	06/29/17 07:17	07/04/17 04:54	83-32-9	
Acenaphthylene	<7.4	ug/kg	24.7	7.4	2	06/29/17 07:17	07/04/17 04:54	208-96-8	
Anthracene	103	ug/kg	42.6	12.8	2	06/29/17 07:17	07/04/17 04:54	120-12-7	
Benzo(a)anthracene	313	ug/kg	23.8	7.1	2	06/29/17 07:17	07/04/17 04:54	56-55-3	
Benzo(a)pyrene	322	ug/kg	18.8	5.6	2	06/29/17 07:17	07/04/17 04:54	50-32-8	
Benzo(b)fluoranthene	461	ug/kg	21.1	6.3	2	06/29/17 07:17	07/04/17 04:54	205-99-2	
Benzo(g,h,i)perylene	107	ug/kg	15.2	4.6	2	06/29/17 07:17	07/04/17 04:54	191-24-2	
Benzo(k)fluoranthene	194	ug/kg	18.7	5.6	2	06/29/17 07:17	07/04/17 04:54	207-08-9	
Chrysene	297	ug/kg	25.1	7.6	2	06/29/17 07:17	07/04/17 04:54	218-01-9	
Dibenz(a,h)anthracene	34.3	ug/kg	16.7	5.0	2	06/29/17 07:17	07/04/17 04:54	53-70-3	
Fluoranthene	786	ug/kg	39.0	11.7	2	06/29/17 07:17	07/04/17 04:54	206-44-0	
Fluorene	23.3J	ug/kg	30.9	9.3	2	06/29/17 07:17	07/04/17 04:54	86-73-7	
Indeno(1,2,3-cd)pyrene	111	ug/kg	16.4	4.9	2	06/29/17 07:17	07/04/17 04:54	193-39-5	
1-Methylnaphthalene	<9.0	ug/kg	30.1	9.0	2	06/29/17 07:17	07/04/17 04:54	90-12-0	
2-Methylnaphthalene	19.4J	ug/kg	37.5	11.2	2	06/29/17 07:17	07/04/17 04:54	91-57-6	
Naphthalene	19.5J	ug/kg	63.0	18.9	2	06/29/17 07:17	07/04/17 04:54	91-20-3	
Phenanthrene	274	ug/kg	87.0	26.1	2	06/29/17 07:17	07/04/17 04:54	85-01-8	
Pyrene	527	ug/kg	33.6	10.1	2	06/29/17 07:17	07/04/17 04:54	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	19-96		2	06/29/17 07:17	07/04/17 04:54	321-60-8	
Terphenyl-d14 (S)	47	%	31-98		2	06/29/17 07:17	07/04/17 04:54	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	55.6J	ug/kg	67.2	28.0	1	06/28/17 07:30	06/28/17 13:04	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 13:04	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 13:04	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 13:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 13:04	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample: TWB-1A 0-2**      **Lab ID: 40152263001**      Collected: 06/22/17 10:15      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	99-87-6	W
Methylene Chloride	66.3J	ug/kg	67.2	28.0	1	06/28/17 07:30	06/28/17 13:04	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 13:04	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 13:04	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	79-01-6	W
Trichlorofluoromethane	92.3	ug/kg	67.2	28.0	1	06/28/17 07:30	06/28/17 13:04	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:04	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 13:04	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	68-130		1	06/28/17 07:30	06/28/17 13:04	1868-53-7	
Toluene-d8 (S)	108	%	68-149		1	06/28/17 07:30	06/28/17 13:04	2037-26-5	
4-Bromofluorobenzene (S)	98	%	58-141		1	06/28/17 07:30	06/28/17 13:04	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	10.7	%	0.10	0.10	1	06/27/17 13:03
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## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample: TWB-1A 2-4**      **Lab ID: 40152263002**      Collected: 06/22/17 10:20      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	14.9	ug/kg	14.0	4.2	1	06/29/17 07:17	07/04/17 05:11	83-32-9	
Acenaphthylene	10.9J	ug/kg	12.0	3.6	1	06/29/17 07:17	07/04/17 05:11	208-96-8	
Anthracene	71.9	ug/kg	20.7	6.2	1	06/29/17 07:17	07/04/17 05:11	120-12-7	
Benzo(a)anthracene	252	ug/kg	11.5	3.4	1	06/29/17 07:17	07/04/17 05:11	56-55-3	
Benzo(a)pyrene	285	ug/kg	9.1	2.7	1	06/29/17 07:17	07/04/17 05:11	50-32-8	
Benzo(b)fluoranthene	449	ug/kg	10.2	3.1	1	06/29/17 07:17	07/04/17 05:11	205-99-2	
Benzo(g,h,i)perylene	84.3	ug/kg	7.4	2.2	1	06/29/17 07:17	07/04/17 05:11	191-24-2	
Benzo(k)fluoranthene	139	ug/kg	9.1	2.7	1	06/29/17 07:17	07/04/17 05:11	207-08-9	
Chrysene	250	ug/kg	12.2	3.7	1	06/29/17 07:17	07/04/17 05:11	218-01-9	
Dibenz(a,h)anthracene	30.1	ug/kg	8.1	2.4	1	06/29/17 07:17	07/04/17 05:11	53-70-3	
Fluoranthene	506	ug/kg	18.9	5.7	1	06/29/17 07:17	07/04/17 05:11	206-44-0	
Fluorene	16.1	ug/kg	15.0	4.5	1	06/29/17 07:17	07/04/17 05:11	86-73-7	
Indeno(1,2,3-cd)pyrene	86.6	ug/kg	8.0	2.4	1	06/29/17 07:17	07/04/17 05:11	193-39-5	
1-Methylnaphthalene	33.3	ug/kg	14.6	4.4	1	06/29/17 07:17	07/04/17 05:11	90-12-0	
2-Methylnaphthalene	45.2	ug/kg	18.2	5.4	1	06/29/17 07:17	07/04/17 05:11	91-57-6	
Naphthalene	38.8	ug/kg	30.6	9.2	1	06/29/17 07:17	07/04/17 05:11	91-20-3	
Phenanthrene	185	ug/kg	42.2	12.7	1	06/29/17 07:17	07/04/17 05:11	85-01-8	
Pyrene	374	ug/kg	16.3	4.9	1	06/29/17 07:17	07/04/17 05:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	56	%	19-96		1	06/29/17 07:17	07/04/17 05:11	321-60-8	
Terphenyl-d14 (S)	49	%	31-98		1	06/29/17 07:17	07/04/17 05:11	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	79.5	ug/kg	65.3	27.2	1	06/27/17 07:45	06/27/17 20:30	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 07:45	06/27/17 20:30	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 07:45	06/27/17 20:30	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 07:45	06/27/17 20:30	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 07:45	06/27/17 20:30	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	541-73-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample:** TWB-1A 2-4      **Lab ID:** 40152263002      Collected: 06/22/17 10:20      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	108-20-3	W
Ethylbenzene	50.5J	ug/kg	65.3	27.2	1	06/27/17 07:45	06/27/17 20:30	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 07:45	06/27/17 20:30	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	127-18-4	W
Toluene	65.8	ug/kg	65.3	27.2	1	06/27/17 07:45	06/27/17 20:30	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 07:45	06/27/17 20:30	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	79-01-6	W
Trichlorofluoromethane	139	ug/kg	65.3	27.2	1	06/27/17 07:45	06/27/17 20:30	75-69-4	
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	96-18-4	W
1,2,4-Trimethylbenzene	81.1	ug/kg	65.3	27.2	1	06/27/17 07:45	06/27/17 20:30	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:30	75-01-4	W
Xylene (Total)	230	ug/kg	196	81.6	1	06/27/17 07:45	06/27/17 20:30	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	68-130		1	06/27/17 07:45	06/27/17 20:30	1868-53-7	
Toluene-d8 (S)	109	%	68-149		1	06/27/17 07:45	06/27/17 20:30	2037-26-5	
4-Bromofluorobenzene (S)	102	%	58-141		1	06/27/17 07:45	06/27/17 20:30	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	8.1	%	0.10	0.10	1	06/27/17 13:03
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Sample: **TWB-1A 4-6** Lab ID: **40152263003** Collected: 06/22/17 10:25 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	19.7	ug/kg	13.9	4.2	1	06/29/17 07:17	07/04/17 02:37	83-32-9	
Acenaphthylene	4.7J	ug/kg	11.9	3.6	1	06/29/17 07:17	07/04/17 02:37	208-96-8	
Anthracene	64.7	ug/kg	20.5	6.2	1	06/29/17 07:17	07/04/17 02:37	120-12-7	
Benzo(a)anthracene	198	ug/kg	11.5	3.4	1	06/29/17 07:17	07/04/17 02:37	56-55-3	
Benzo(a)pyrene	235	ug/kg	9.0	2.7	1	06/29/17 07:17	07/04/17 02:37	50-32-8	
Benzo(b)fluoranthene	402	ug/kg	10.2	3.1	1	06/29/17 07:17	07/04/17 02:37	205-99-2	
Benzo(g,h,i)perylene	184	ug/kg	7.3	2.2	1	06/29/17 07:17	07/04/17 02:37	191-24-2	
Benzo(k)fluoranthene	117	ug/kg	9.0	2.7	1	06/29/17 07:17	07/04/17 02:37	207-08-9	
Chrysene	258	ug/kg	12.1	3.6	1	06/29/17 07:17	07/04/17 02:37	218-01-9	
Dibenz(a,h)anthracene	50.9	ug/kg	8.0	2.4	1	06/29/17 07:17	07/04/17 02:37	53-70-3	
Fluoranthene	412	ug/kg	18.8	5.6	1	06/29/17 07:17	07/04/17 02:37	206-44-0	
Fluorene	21.3	ug/kg	14.9	4.5	1	06/29/17 07:17	07/04/17 02:37	86-73-7	
Indeno(1,2,3-cd)pyrene	168	ug/kg	7.9	2.4	1	06/29/17 07:17	07/04/17 02:37	193-39-5	
1-Methylnaphthalene	10.3J	ug/kg	14.5	4.3	1	06/29/17 07:17	07/04/17 02:37	90-12-0	
2-Methylnaphthalene	12.3J	ug/kg	18.0	5.4	1	06/29/17 07:17	07/04/17 02:37	91-57-6	
Naphthalene	12.7J	ug/kg	30.4	9.1	1	06/29/17 07:17	07/04/17 02:37	91-20-3	
Phenanthrene	248	ug/kg	41.9	12.6	1	06/29/17 07:17	07/04/17 02:37	85-01-8	
Pyrene	303	ug/kg	16.2	4.9	1	06/29/17 07:17	07/04/17 02:37	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	19-96		1	06/29/17 07:17	07/04/17 02:37	321-60-8	
Terphenyl-d14 (S)	62	%	31-98		1	06/29/17 07:17	07/04/17 02:37	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 07:45	06/27/17 20:53	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 07:45	06/27/17 20:53	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 07:45	06/27/17 20:53	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 07:45	06/27/17 20:53	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

Sample: TWB-1A 4-6 Lab ID: 40152263003 Collected: 06/22/17 10:25 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 07:45	06/27/17 20:53	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 07:45	06/27/17 20:53	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:53	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 07:45	06/27/17 20:53	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	91	%	68-130		1	06/27/17 07:45	06/27/17 20:53	1868-53-7	
Toluene-d8 (S)	87	%	68-149		1	06/27/17 07:45	06/27/17 20:53	2037-26-5	
4-Bromofluorobenzene (S)	80	%	58-141		1	06/27/17 07:45	06/27/17 20:53	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	7.4	%	0.10	0.10	1		06/27/17 13:03		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample: TWB-1B 0-2**      **Lab ID: 40152263004**      Collected: 06/22/17 12:00      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	14.7J	ug/kg	28.2	8.5	2	06/29/17 07:17	07/04/17 05:28	83-32-9	
Acenaphthylene	11.6J	ug/kg	24.0	7.2	2	06/29/17 07:17	07/04/17 05:28	208-96-8	
Anthracene	57.8	ug/kg	41.5	12.5	2	06/29/17 07:17	07/04/17 05:28	120-12-7	
Benzo(a)anthracene	237	ug/kg	23.2	6.9	2	06/29/17 07:17	07/04/17 05:28	56-55-3	
Benzo(a)pyrene	259	ug/kg	18.3	5.5	2	06/29/17 07:17	07/04/17 05:28	50-32-8	
Benzo(b)fluoranthene	376	ug/kg	20.6	6.2	2	06/29/17 07:17	07/04/17 05:28	205-99-2	
Benzo(g,h,i)perylene	102	ug/kg	14.8	4.4	2	06/29/17 07:17	07/04/17 05:28	191-24-2	
Benzo(k)fluoranthene	142	ug/kg	18.3	5.5	2	06/29/17 07:17	07/04/17 05:28	207-08-9	
Chrysene	232	ug/kg	24.5	7.4	2	06/29/17 07:17	07/04/17 05:28	218-01-9	
Dibenz(a,h)anthracene	32.0	ug/kg	16.3	4.9	2	06/29/17 07:17	07/04/17 05:28	53-70-3	
Fluoranthene	488	ug/kg	38.0	11.4	2	06/29/17 07:17	07/04/17 05:28	206-44-0	
Fluorene	14.4J	ug/kg	30.2	9.0	2	06/29/17 07:17	07/04/17 05:28	86-73-7	
Indeno(1,2,3-cd)pyrene	99.8	ug/kg	16.0	4.8	2	06/29/17 07:17	07/04/17 05:28	193-39-5	
1-Methylnaphthalene	23.5J	ug/kg	29.3	8.8	2	06/29/17 07:17	07/04/17 05:28	90-12-0	
2-Methylnaphthalene	38.6	ug/kg	36.5	10.9	2	06/29/17 07:17	07/04/17 05:28	91-57-6	
Naphthalene	35.0J	ug/kg	61.4	18.4	2	06/29/17 07:17	07/04/17 05:28	91-20-3	
Phenanthrene	186	ug/kg	84.8	25.5	2	06/29/17 07:17	07/04/17 05:28	85-01-8	
Pyrene	400	ug/kg	32.8	9.9	2	06/29/17 07:17	07/04/17 05:28	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	41	%	19-96		2	06/29/17 07:17	07/04/17 05:28	321-60-8	
Terphenyl-d14 (S)	39	%	31-98		2	06/29/17 07:17	07/04/17 05:28	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	109	ug/kg	65.5	27.3	1	06/27/17 07:45	06/27/17 21:16	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 07:45	06/27/17 21:16	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 07:45	06/27/17 21:16	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 07:45	06/27/17 21:16	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 07:45	06/27/17 21:16	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample: TWB-1B 0-2**      **Lab ID: 40152263004**      Collected: 06/22/17 12:00      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 07:45	06/27/17 21:16	91-20-3	W
n-Propylbenzene	38.2J	ug/kg	65.5	27.3	1	06/27/17 07:45	06/27/17 21:16	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	127-18-4	W
Toluene	27.4J	ug/kg	65.5	27.3	1	06/27/17 07:45	06/27/17 21:16	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 07:45	06/27/17 21:16	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	96-18-4	W
1,2,4-Trimethylbenzene	73.3	ug/kg	65.5	27.3	1	06/27/17 07:45	06/27/17 21:16	95-63-6	
1,3,5-Trimethylbenzene	29.3J	ug/kg	65.5	27.3	1	06/27/17 07:45	06/27/17 21:16	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 21:16	75-01-4	W
Xylene (Total)	113J	ug/kg	196	81.8	1	06/27/17 07:45	06/27/17 21:16	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	123	%	68-130		1	06/27/17 07:45	06/27/17 21:16	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	06/27/17 07:45	06/27/17 21:16	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	06/27/17 07:45	06/27/17 21:16	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	8.3	%	0.10	0.10	1	06/27/17 13:03
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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Sample: **TWB-1B 2-4** Lab ID: **40152263005** Collected: 06/22/17 12:05 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>23.5J</b>	ug/kg	28.7	8.6	2	06/29/17 07:17	07/04/17 05:45	83-32-9	
Acenaphthylene	<b>14.8J</b>	ug/kg	24.5	7.3	2	06/29/17 07:17	07/04/17 05:45	208-96-8	
Anthracene	<b>82.9</b>	ug/kg	42.3	12.7	2	06/29/17 07:17	07/04/17 05:45	120-12-7	
Benzo(a)anthracene	<b>263</b>	ug/kg	23.6	7.1	2	06/29/17 07:17	07/04/17 05:45	56-55-3	
Benzo(a)pyrene	<b>282</b>	ug/kg	18.6	5.6	2	06/29/17 07:17	07/04/17 05:45	50-32-8	
Benzo(b)fluoranthene	<b>427</b>	ug/kg	20.9	6.3	2	06/29/17 07:17	07/04/17 05:45	205-99-2	
Benzo(g,h,i)perylene	<b>99.3</b>	ug/kg	15.1	4.5	2	06/29/17 07:17	07/04/17 05:45	191-24-2	
Benzo(k)fluoranthene	<b>150</b>	ug/kg	18.6	5.6	2	06/29/17 07:17	07/04/17 05:45	207-08-9	
Chrysene	<b>268</b>	ug/kg	24.9	7.5	2	06/29/17 07:17	07/04/17 05:45	218-01-9	
Dibenz(a,h)anthracene	<b>31.5</b>	ug/kg	16.6	5.0	2	06/29/17 07:17	07/04/17 05:45	53-70-3	
Fluoranthene	<b>566</b>	ug/kg	38.7	11.6	2	06/29/17 07:17	07/04/17 05:45	206-44-0	
Fluorene	<b>20.9J</b>	ug/kg	30.7	9.2	2	06/29/17 07:17	07/04/17 05:45	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>101</b>	ug/kg	16.3	4.9	2	06/29/17 07:17	07/04/17 05:45	193-39-5	
1-Methylnaphthalene	<b>32.1</b>	ug/kg	29.8	9.0	2	06/29/17 07:17	07/04/17 05:45	90-12-0	
2-Methylnaphthalene	<b>42.8</b>	ug/kg	37.2	11.1	2	06/29/17 07:17	07/04/17 05:45	91-57-6	
Naphthalene	<b>44.4J</b>	ug/kg	62.6	18.7	2	06/29/17 07:17	07/04/17 05:45	91-20-3	
Phenanthrene	<b>237</b>	ug/kg	86.4	25.9	2	06/29/17 07:17	07/04/17 05:45	85-01-8	
Pyrene	<b>470</b>	ug/kg	33.4	10.0	2	06/29/17 07:17	07/04/17 05:45	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	42	%	19-96		2	06/29/17 07:17	07/04/17 05:45	321-60-8	
Terphenyl-d14 (S)	41	%	31-98		2	06/29/17 07:17	07/04/17 05:45	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<b>76.4</b>	ug/kg	66.8	27.8	1	06/28/17 07:30	06/28/17 13:27	71-43-2	
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	75-25-2	L2,W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 13:27	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 13:27	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 13:27	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 13:27	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	106-93-4	W
Dibromomethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	541-73-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample: TWB-1B 2-4**      **Lab ID: 40152263005**      Collected: 06/22/17 12:05      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 13:27	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 13:27	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:27	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 13:27	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	68-130		1	06/28/17 07:30	06/28/17 13:27	1868-53-7	
Toluene-d8 (S)	103	%	68-149		1	06/28/17 07:30	06/28/17 13:27	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	06/28/17 07:30	06/28/17 13:27	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>10.2</b>	%	0.10	0.10	1		06/27/17 13:04		
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Sample: TWB-1B 4-6 Lab ID: 40152263006 Collected: 06/22/17 12:10 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	8.7J	ug/kg	14.5	4.4	1	06/29/17 07:17	07/04/17 06:02	83-32-9	
Acenaphthylene	5.0J	ug/kg	12.4	3.7	1	06/29/17 07:17	07/04/17 06:02	208-96-8	
Anthracene	33.2	ug/kg	21.4	6.4	1	06/29/17 07:17	07/04/17 06:02	120-12-7	
Benzo(a)anthracene	115	ug/kg	11.9	3.6	1	06/29/17 07:17	07/04/17 06:02	56-55-3	
Benzo(a)pyrene	126	ug/kg	9.4	2.8	1	06/29/17 07:17	07/04/17 06:02	50-32-8	
Benzo(b)fluoranthene	185	ug/kg	10.6	3.2	1	06/29/17 07:17	07/04/17 06:02	205-99-2	
Benzo(g,h,i)perylene	46.0	ug/kg	7.6	2.3	1	06/29/17 07:17	07/04/17 06:02	191-24-2	
Benzo(k)fluoranthene	63.2	ug/kg	9.4	2.8	1	06/29/17 07:17	07/04/17 06:02	207-08-9	
Chrysene	111	ug/kg	12.6	3.8	1	06/29/17 07:17	07/04/17 06:02	218-01-9	
Dibenz(a,h)anthracene	13.1	ug/kg	8.4	2.5	1	06/29/17 07:17	07/04/17 06:02	53-70-3	
Fluoranthene	252	ug/kg	19.6	5.9	1	06/29/17 07:17	07/04/17 06:02	206-44-0	
Fluorene	9.4J	ug/kg	15.6	4.7	1	06/29/17 07:17	07/04/17 06:02	86-73-7	
Indeno(1,2,3-cd)pyrene	44.7	ug/kg	8.3	2.5	1	06/29/17 07:17	07/04/17 06:02	193-39-5	
1-Methylnaphthalene	10.2J	ug/kg	15.1	4.5	1	06/29/17 07:17	07/04/17 06:02	90-12-0	
2-Methylnaphthalene	17.7J	ug/kg	18.8	5.6	1	06/29/17 07:17	07/04/17 06:02	91-57-6	
Naphthalene	15.2J	ug/kg	31.7	9.5	1	06/29/17 07:17	07/04/17 06:02	91-20-3	
Phenanthrene	106	ug/kg	43.7	13.1	1	06/29/17 07:17	07/04/17 06:02	85-01-8	
Pyrene	213	ug/kg	16.9	5.1	1	06/29/17 07:17	07/04/17 06:02	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	43	%	19-96		1	06/29/17 07:17	07/04/17 06:02	321-60-8	
Terphenyl-d14 (S)	44	%	31-98		1	06/29/17 07:17	07/04/17 06:02	1718-51-0	

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 13:50	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 13:50	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 13:50	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 13:50	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Sample: **TWB-1B 4-6** Lab ID: **40152263006** Collected: 06/22/17 12:10 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 13:50	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 13:50	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 13:50	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 13:50	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	68-130		1	06/28/17 07:30	06/28/17 13:50	1868-53-7	
Toluene-d8 (S)	98	%	68-149		1	06/28/17 07:30	06/28/17 13:50	2037-26-5	
4-Bromofluorobenzene (S)	86	%	58-141		1	06/28/17 07:30	06/28/17 13:50	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	11.3	%	0.10	0.10	1	06/27/17 13:04
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Sample: **TWB-1C 0-2** Lab ID: **40152263007** Collected: 06/22/17 11:10 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	7.2	mg/kg	5.4	1.1	1	06/26/17 14:35	06/27/17 18:51	7440-38-2	
Lead	51.0	mg/kg	1.4	0.47	1	06/26/17 14:35	06/27/17 18:51	7439-92-1	
Selenium	<1.2	mg/kg	5.4	1.2	1	06/26/17 14:35	06/27/17 18:51	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	54.0	ug/kg	28.1	8.5	2	06/29/17 07:17	07/04/17 06:20	83-32-9	
Acenaphthylene	14.6J	ug/kg	24.0	7.2	2	06/29/17 07:17	07/04/17 06:20	208-96-8	
Anthracene	111	ug/kg	41.4	12.5	2	06/29/17 07:17	07/04/17 06:20	120-12-7	
Benzo(a)anthracene	304	ug/kg	23.1	6.9	2	06/29/17 07:17	07/04/17 06:20	56-55-3	
Benzo(a)pyrene	312	ug/kg	18.3	5.5	2	06/29/17 07:17	07/04/17 06:20	50-32-8	
Benzo(b)fluoranthene	469	ug/kg	20.5	6.2	2	06/29/17 07:17	07/04/17 06:20	205-99-2	
Benzo(g,h,i)perylene	101	ug/kg	14.8	4.4	2	06/29/17 07:17	07/04/17 06:20	191-24-2	
Benzo(k)fluoranthene	163	ug/kg	18.2	5.5	2	06/29/17 07:17	07/04/17 06:20	207-08-9	
Chrysene	276	ug/kg	24.4	7.4	2	06/29/17 07:17	07/04/17 06:20	218-01-9	
Dibenz(a,h)anthracene	32.5	ug/kg	16.2	4.9	2	06/29/17 07:17	07/04/17 06:20	53-70-3	
Fluoranthene	662	ug/kg	37.9	11.4	2	06/29/17 07:17	07/04/17 06:20	206-44-0	
Fluorene	41.2	ug/kg	30.1	9.0	2	06/29/17 07:17	07/04/17 06:20	86-73-7	
Indeno(1,2,3-cd)pyrene	105	ug/kg	16.0	4.8	2	06/29/17 07:17	07/04/17 06:20	193-39-5	
1-Methylnaphthalene	61.5	ug/kg	29.2	8.8	2	06/29/17 07:17	07/04/17 06:20	90-12-0	
2-Methylnaphthalene	78.9	ug/kg	36.4	10.9	2	06/29/17 07:17	07/04/17 06:20	91-57-6	
Naphthalene	112	ug/kg	61.3	18.4	2	06/29/17 07:17	07/04/17 06:20	91-20-3	
Phenanthrene	312	ug/kg	84.6	25.4	2	06/29/17 07:17	07/04/17 06:20	85-01-8	
Pyrene	553	ug/kg	32.7	9.8	2	06/29/17 07:17	07/04/17 06:20	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	46	%	19-96		2	06/29/17 07:17	07/04/17 06:20	321-60-8	
Terphenyl-d14 (S)	44	%	31-98		2	06/29/17 07:17	07/04/17 06:20	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	184	ug/kg	65.5	27.3	1	06/28/17 07:30	06/28/17 14:14	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 14:14	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 14:14	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 14:14	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 14:14	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Sample: **TWB-1C 0-2** Lab ID: **40152263007** Collected: 06/22/17 11:10 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	108-20-3	W
Ethylbenzene	36.3J	ug/kg	65.5	27.3	1	06/28/17 07:30	06/28/17 14:14	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	99-87-6	W
Methylene Chloride	56.7J	ug/kg	65.5	27.3	1	06/28/17 07:30	06/28/17 14:14	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	1634-04-4	W
Naphthalene	48.1J	ug/kg	273	43.7	1	06/28/17 07:30	06/28/17 14:14	91-20-3	
n-Propylbenzene	28.5J	ug/kg	65.5	27.3	1	06/28/17 07:30	06/28/17 14:14	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 14:14	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	96-18-4	W
1,2,4-Trimethylbenzene	50.5J	ug/kg	65.5	27.3	1	06/28/17 07:30	06/28/17 14:14	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:14	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 14:14	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	06/28/17 07:30	06/28/17 14:14	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample: TWB-1C 0-2**      **Lab ID: 40152263007**      Collected: 06/22/17 11:10      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	115	%	68-149		1	06/28/17 07:30	06/28/17 14:14	2037-26-5	
4-Bromofluorobenzene (S)	102	%	58-141		1	06/28/17 07:30	06/28/17 14:14	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>8.4</b>	%	0.10	0.10	1		06/28/17 09:00		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample: TWB-1C 2-4**      **Lab ID: 40152263008**      Collected: 06/22/17 11:15      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.3	mg/kg	5.0	1.1	1	06/26/17 14:35	06/27/17 18:53	7440-38-2	
Lead	77.1	mg/kg	1.3	0.43	1	06/26/17 14:35	06/27/17 18:53	7439-92-1	
Selenium	<1.1	mg/kg	5.0	1.1	1	06/26/17 14:35	06/27/17 18:53	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	21.0	ug/kg	13.8	4.2	1	06/29/17 07:17	07/04/17 06:37	83-32-9	
Acenaphthylene	12.2	ug/kg	11.8	3.5	1	06/29/17 07:17	07/04/17 06:37	208-96-8	
Anthracene	65.9	ug/kg	20.4	6.1	1	06/29/17 07:17	07/04/17 06:37	120-12-7	
Benzo(a)anthracene	231	ug/kg	11.4	3.4	1	06/29/17 07:17	07/04/17 06:37	56-55-3	
Benzo(a)pyrene	241	ug/kg	9.0	2.7	1	06/29/17 07:17	07/04/17 06:37	50-32-8	
Benzo(b)fluoranthene	358	ug/kg	10.1	3.0	1	06/29/17 07:17	07/04/17 06:37	205-99-2	
Benzo(g,h,i)perylene	78.9	ug/kg	7.3	2.2	1	06/29/17 07:17	07/04/17 06:37	191-24-2	
Benzo(k)fluoranthene	127	ug/kg	9.0	2.7	1	06/29/17 07:17	07/04/17 06:37	207-08-9	
Chrysene	209	ug/kg	12.0	3.6	1	06/29/17 07:17	07/04/17 06:37	218-01-9	
Dibenz(a,h)anthracene	25.8	ug/kg	8.0	2.4	1	06/29/17 07:17	07/04/17 06:37	53-70-3	
Fluoranthene	485	ug/kg	18.7	5.6	1	06/29/17 07:17	07/04/17 06:37	206-44-0	
Fluorene	24.8	ug/kg	14.8	4.4	1	06/29/17 07:17	07/04/17 06:37	86-73-7	
Indeno(1,2,3-cd)pyrene	79.6	ug/kg	7.9	2.4	1	06/29/17 07:17	07/04/17 06:37	193-39-5	
1-Methylnaphthalene	45.4	ug/kg	14.4	4.3	1	06/29/17 07:17	07/04/17 06:37	90-12-0	
2-Methylnaphthalene	65.5	ug/kg	17.9	5.4	1	06/29/17 07:17	07/04/17 06:37	91-57-6	
Naphthalene	61.9	ug/kg	30.2	9.0	1	06/29/17 07:17	07/04/17 06:37	91-20-3	
Phenanthrene	211	ug/kg	41.7	12.5	1	06/29/17 07:17	07/04/17 06:37	85-01-8	
Pyrene	414	ug/kg	16.1	4.8	1	06/29/17 07:17	07/04/17 06:37	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	39	%	19-96		1	06/29/17 07:17	07/04/17 06:37	321-60-8	
Terphenyl-d14 (S)	36	%	31-98		1	06/29/17 07:17	07/04/17 06:37	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	290	ug/kg	64.6	26.9	1	06/28/17 07:30	06/28/17 14:37	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 14:37	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 14:37	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 14:37	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 14:37	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

**Sample: TWB-1C 2-4**      **Lab ID: 40152263008**      Collected: 06/22/17 11:15      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	108-20-3	W
Ethylbenzene	58.3J	ug/kg	64.6	26.9	1	06/28/17 07:30	06/28/17 14:37	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 14:37	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	127-18-4	W
Toluene	84.0	ug/kg	64.6	26.9	1	06/28/17 07:30	06/28/17 14:37	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 14:37	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	96-18-4	W
1,2,4-Trimethylbenzene	54.9J	ug/kg	64.6	26.9	1	06/28/17 07:30	06/28/17 14:37	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 14:37	75-01-4	W
Xylene (Total)	195	ug/kg	194	80.7	1	06/28/17 07:30	06/28/17 14:37	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	90	%	68-130		1	06/28/17 07:30	06/28/17 14:37	1868-53-7	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

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**Sample: TWB-1C 2-4**      **Lab ID: 40152263008**      Collected: 06/22/17 11:15      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	93	%	68-149		1	06/28/17 07:30	06/28/17 14:37	2037-26-5	
4-Bromofluorobenzene (S)	87	%	58-141		1	06/28/17 07:30	06/28/17 14:37	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	7.1	%	0.10	0.10	1		06/28/17 09:00		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Sample: **TWB-1C 4-6** Lab ID: **40152263009** Collected: 06/22/17 11:20 Received: 06/23/17 13:51 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>6.0</b>	mg/kg	5.2	1.1	1	06/26/17 14:35	06/27/17 18:56	7440-38-2	
Lead	<b>57.7</b>	mg/kg	1.4	0.45	1	06/26/17 14:35	06/27/17 18:56	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.2	1.2	1	06/26/17 14:35	06/27/17 18:56	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>22.6</b>	ug/kg	14.7	4.4	1	06/29/17 07:17	07/04/17 06:54	83-32-9	
Acenaphthylene	<b>15.7</b>	ug/kg	12.6	3.8	1	06/29/17 07:17	07/04/17 06:54	208-96-8	
Anthracene	<b>90.3</b>	ug/kg	21.7	6.5	1	06/29/17 07:17	07/04/17 06:54	120-12-7	
Benzo(a)anthracene	<b>261</b>	ug/kg	12.1	3.6	1	06/29/17 07:17	07/04/17 06:54	56-55-3	
Benzo(a)pyrene	<b>263</b>	ug/kg	9.6	2.9	1	06/29/17 07:17	07/04/17 06:54	50-32-8	
Benzo(b)fluoranthene	<b>389</b>	ug/kg	10.7	3.2	1	06/29/17 07:17	07/04/17 06:54	205-99-2	
Benzo(g,h,i)perylene	<b>81.3</b>	ug/kg	7.7	2.3	1	06/29/17 07:17	07/04/17 06:54	191-24-2	
Benzo(k)fluoranthene	<b>154</b>	ug/kg	9.5	2.9	1	06/29/17 07:17	07/04/17 06:54	207-08-9	
Chrysene	<b>248</b>	ug/kg	12.8	3.8	1	06/29/17 07:17	07/04/17 06:54	218-01-9	
Dibenz(a,h)anthracene	<b>25.9</b>	ug/kg	8.5	2.6	1	06/29/17 07:17	07/04/17 06:54	53-70-3	
Fluoranthene	<b>589</b>	ug/kg	19.9	5.9	1	06/29/17 07:17	07/04/17 06:54	206-44-0	
Fluorene	<b>20.1</b>	ug/kg	15.8	4.7	1	06/29/17 07:17	07/04/17 06:54	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>79.7</b>	ug/kg	8.4	2.5	1	06/29/17 07:17	07/04/17 06:54	193-39-5	
1-Methylnaphthalene	<b>19.3</b>	ug/kg	15.3	4.6	1	06/29/17 07:17	07/04/17 06:54	90-12-0	
2-Methylnaphthalene	<b>29.2</b>	ug/kg	19.1	5.7	1	06/29/17 07:17	07/04/17 06:54	91-57-6	
Naphthalene	<b>36.9</b>	ug/kg	32.1	9.6	1	06/29/17 07:17	07/04/17 06:54	91-20-3	
Phenanthrene	<b>252</b>	ug/kg	44.3	13.3	1	06/29/17 07:17	07/04/17 06:54	85-01-8	
Pyrene	<b>467</b>	ug/kg	17.1	5.1	1	06/29/17 07:17	07/04/17 06:54	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	19-96		1	06/29/17 07:17	07/04/17 06:54	321-60-8	
Terphenyl-d14 (S)	50	%	31-98		1	06/29/17 07:17	07/04/17 06:54	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<b>53.4J</b>	ug/kg	68.5	28.5	1	06/28/17 07:30	06/28/17 15:00	71-43-2	
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	75-25-2	L2,W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 15:00	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 15:00	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 15:00	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 15:00	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

**Sample: TWB-1C 4-6**      **Lab ID: 40152263009**      Collected: 06/22/17 11:20      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 15:00	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 15:00	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:00	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 15:00	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	106	%	68-130		1	06/28/17 07:30	06/28/17 15:00	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

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**Sample: TWB-1C 4-6**      **Lab ID: 40152263009**      Collected: 06/22/17 11:20      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	68-149		1	06/28/17 07:30	06/28/17 15:00	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	06/28/17 07:30	06/28/17 15:00	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>12.4</b>	%	0.10	0.10	1		06/28/17 09:01		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

QC Batch: 259752 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152263007, 40152263008, 40152263009

METHOD BLANK: 1530228 Matrix: Solid

Associated Lab Samples: 40152263007, 40152263008, 40152263009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	06/27/17 17:56	
Lead	mg/kg	<0.43	1.3	06/27/17 17:56	
Selenium	mg/kg	<1.1	5.0	06/27/17 17:56	

LABORATORY CONTROL SAMPLE: 1530229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.5	99	80-120	
Lead	mg/kg	50	47.6	95	80-120	
Selenium	mg/kg	50	54.1	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530230 1530231

Parameter	Units	40152219003		MSD		MSD		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Arsenic	mg/kg	3.1J	58.7	58.5	56.5	55.6	91	90	75-125	2	20		
Lead	mg/kg	3.0	58.7	58.5	54.8	55.1	88	89	75-125	1	20		
Selenium	mg/kg	<1.3	58.7	58.5	58.5	57.4	100	98	75-125	2	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

QC Batch: 259901 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152263002, 40152263003, 40152263004

METHOD BLANK: 1530870 Matrix: Solid

Associated Lab Samples: 40152263002, 40152263003, 40152263004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/27/17 09:10	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/27/17 09:10	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/27/17 09:10	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/27/17 09:10	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/27/17 09:10	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/27/17 09:10	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/27/17 09:10	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/27/17 09:10	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/27/17 09:10	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/27/17 09:10	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/27/17 09:10	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/27/17 09:10	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/27/17 09:10	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/27/17 09:10	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/27/17 09:10	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/27/17 09:10	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/27/17 09:10	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/27/17 09:10	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/27/17 09:10	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/27/17 09:10	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/27/17 09:10	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/27/17 09:10	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/27/17 09:10	
Benzene	ug/kg	<9.2	20.0	06/27/17 09:10	
Bromobenzene	ug/kg	<20.6	50.0	06/27/17 09:10	
Bromochloromethane	ug/kg	<21.4	50.0	06/27/17 09:10	
Bromodichloromethane	ug/kg	<9.8	50.0	06/27/17 09:10	
Bromoform	ug/kg	<19.8	50.0	06/27/17 09:10	
Bromomethane	ug/kg	<69.9	250	06/27/17 09:10	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/27/17 09:10	
Chlorobenzene	ug/kg	<14.8	50.0	06/27/17 09:10	
Chloroethane	ug/kg	<67.0	250	06/27/17 09:10	
Chloroform	ug/kg	<46.4	250	06/27/17 09:10	
Chloromethane	ug/kg	<20.4	50.0	06/27/17 09:10	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/27/17 09:10	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/27/17 09:10	
Dibromochloromethane	ug/kg	<17.9	50.0	06/27/17 09:10	
Dibromomethane	ug/kg	<19.3	50.0	06/27/17 09:10	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/27/17 09:10	
Diisopropyl ether	ug/kg	<17.7	50.0	06/27/17 09:10	
Ethylbenzene	ug/kg	<12.4	50.0	06/27/17 09:10	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

METHOD BLANK: 1530870

Matrix: Solid

Associated Lab Samples: 40152263002, 40152263003, 40152263004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	06/27/17 09:10	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/27/17 09:10	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/27/17 09:10	
Methylene Chloride	ug/kg	<16.2	50.0	06/27/17 09:10	
n-Butylbenzene	ug/kg	<10.5	50.0	06/27/17 09:10	
n-Propylbenzene	ug/kg	<11.6	50.0	06/27/17 09:10	
Naphthalene	ug/kg	<40.0	250	06/27/17 09:10	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/27/17 09:10	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/27/17 09:10	
Styrene	ug/kg	<9.0	50.0	06/27/17 09:10	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/27/17 09:10	
Tetrachloroethene	ug/kg	<12.9	50.0	06/27/17 09:10	
Toluene	ug/kg	<11.2	50.0	06/27/17 09:10	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/27/17 09:10	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/27/17 09:10	
Trichloroethene	ug/kg	<23.6	50.0	06/27/17 09:10	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/27/17 09:10	
Vinyl chloride	ug/kg	<21.1	50.0	06/27/17 09:10	
Xylene (Total)	ug/kg	<48.4	150	06/27/17 09:10	
4-Bromofluorobenzene (S)	%	90	58-141	06/27/17 09:10	
Dibromofluoromethane (S)	%	94	68-130	06/27/17 09:10	
Toluene-d8 (S)	%	98	68-149	06/27/17 09:10	

LABORATORY CONTROL SAMPLE: 1530871

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2460	99	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2230	89	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2420	97	70-130	
1,1-Dichloroethane	ug/kg	2500	2420	97	63-124	
1,1-Dichloroethene	ug/kg	2500	2120	85	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2190	87	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1640	66	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2330	93	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2300	92	70-130	
1,2-Dichloroethane	ug/kg	2500	2520	101	56-135	
1,2-Dichloropropane	ug/kg	2500	2280	91	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2280	91	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2380	95	70-130	
Benzene	ug/kg	2500	2480	99	66-130	
Bromodichloromethane	ug/kg	2500	2160	86	62-135	
Bromoform	ug/kg	2500	1960	78	68-130	
Bromomethane	ug/kg	2500	1890	76	29-137	
Carbon tetrachloride	ug/kg	2500	2320	93	57-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

LABORATORY CONTROL SAMPLE: 1530871

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2540	102	70-130	
Chloroethane	ug/kg	2500	2410	96	36-144	
Chloroform	ug/kg	2500	2450	98	69-115	
Chloromethane	ug/kg	2500	2010	80	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2430	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2020	81	70-130	
Dibromochloromethane	ug/kg	2500	2080	83	70-130	
Dichlorodifluoromethane	ug/kg	2500	1350	54	10-99	
Ethylbenzene	ug/kg	2500	2390	96	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2580	103	63-134	
Methylene Chloride	ug/kg	2500	2240	89	56-123	
Styrene	ug/kg	2500	2500	100	70-130	
Tetrachloroethene	ug/kg	2500	2500	100	70-131	
Toluene	ug/kg	2500	2430	97	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2620	105	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2250	90	68-130	
Trichloroethene	ug/kg	2500	2390	96	70-130	
Trichlorofluoromethane	ug/kg	2500	2390	96	37-149	
Vinyl chloride	ug/kg	2500	2050	82	43-128	
Xylene (Total)	ug/kg	7500	7280	97	70-130	
4-Bromofluorobenzene (S)	%			88	58-141	
Dibromofluoromethane (S)	%			98	68-130	
Toluene-d8 (S)	%			94	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530872 1530873

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152307002	Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1630	1630	1450	1370	89	84	57-123	6	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1630	1630	1450	1470	89	90	73-135	1	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1630	1630	1580	1510	97	93	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1630	1630	1620	1530	100	94	63-124	6	20		
1,1-Dichloroethene	ug/kg	<25.0	1630	1630	1250	1270	77	78	48-117	2	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1630	1630	1510	1420	93	87	78-145	6	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1630	1630	1230	1150	76	71	38-168	7	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1630	1630	1460	1580	90	97	70-130	8	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1630	1630	1640	1430	101	88	70-130	13	20		
1,2-Dichloroethane	ug/kg	<25.0	1630	1630	1570	1610	96	99	56-145	2	20		
1,2-Dichloropropane	ug/kg	<25.0	1630	1630	1640	1390	101	86	77-123	16	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1630	1630	1690	1520	104	93	70-130	11	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1630	1630	1730	1510	105	91	70-130	14	20		
Benzene	ug/kg	<25.0	1630	1630	1530	1520	94	93	65-130	1	20		
Bromodichloromethane	ug/kg	<25.0	1630	1630	1530	1350	94	83	59-141	12	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530872 1530873												
Parameter	Units	40152307002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
			Spike Conc.	Spike Conc.								
Bromoform	ug/kg	<25.0	1630	1630	1350	1260	83	77	59-141	7	20	
Bromomethane	ug/kg	<69.9	1630	1630	1170	1340	72	82	28-139	13	20	
Carbon tetrachloride	ug/kg	<25.0	1630	1630	1380	1170	85	72	50-130	17	20	
Chlorobenzene	ug/kg	<25.0	1630	1630	1720	1580	105	97	70-130	8	20	
Chloroethane	ug/kg	<67.0	1630	1630	1330	1470	82	90	36-144	10	20	
Chloroform	ug/kg	<46.4	1630	1630	1620	1550	99	95	68-122	4	20	
Chloromethane	ug/kg	<25.0	1630	1630	1200	1080	74	67	30-126	10	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1630	1630	1530	1540	94	95	63-130	1	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1630	1630	1380	1320	85	81	70-130	4	20	
Dibromochloromethane	ug/kg	<25.0	1630	1630	1360	1320	83	81	66-136	3	20	
Dichlorodifluoromethane	ug/kg	<25.0	1630	1630	652	492	40	30	10-99	28	33	
Ethylbenzene	ug/kg	<25.0	1630	1630	1510	1440	93	88	80-122	5	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1630	1630	1530	1430	94	88	70-130	7	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1630	1630	1720	1620	106	99	63-134	6	20	
Methylene Chloride	ug/kg	<25.0	1630	1630	1660	1360	102	84	56-127	19	20	
Styrene	ug/kg	<25.0	1630	1630	1660	1630	102	100	70-130	2	20	
Tetrachloroethene	ug/kg	<25.0	1630	1630	1550	1420	95	87	70-131	9	20	
Toluene	ug/kg	<25.0	1630	1630	1580	1510	97	93	80-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1630	1630	1470	1480	90	91	60-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1630	1630	1450	1410	89	87	68-130	3	20	
Trichloroethene	ug/kg	<25.0	1630	1630	1650	1430	101	88	70-130	14	20	
Trichlorofluoromethane	ug/kg	<25.0	1630	1630	1310	1240	80	76	37-149	5	24	
Vinyl chloride	ug/kg	<25.0	1630	1630	1170	1070	72	65	39-128	9	20	
Xylene (Total)	ug/kg	<75.0	4880	4880	4710	4360	96	89	70-130	8	20	
4-Bromofluorobenzene (S)	%						85	91	58-141			
Dibromofluoromethane (S)	%						91	103	68-130			
Toluene-d8 (S)	%						82	97	68-149			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

QC Batch: 260026 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152263001, 40152263005, 40152263006, 40152263007, 40152263008, 40152263009

METHOD BLANK: 1531467 Matrix: Solid  
Associated Lab Samples: 40152263001, 40152263005, 40152263006, 40152263007, 40152263008, 40152263009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/28/17 09:12	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/28/17 09:12	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/28/17 09:12	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/28/17 09:12	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/28/17 09:12	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/28/17 09:12	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/28/17 09:12	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/28/17 09:12	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/28/17 09:12	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/28/17 09:12	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/28/17 09:12	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/28/17 09:12	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/28/17 09:12	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/28/17 09:12	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/28/17 09:12	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/28/17 09:12	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/28/17 09:12	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/28/17 09:12	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/28/17 09:12	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/28/17 09:12	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/28/17 09:12	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/28/17 09:12	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/28/17 09:12	
Benzene	ug/kg	<9.2	20.0	06/28/17 09:12	
Bromobenzene	ug/kg	<20.6	50.0	06/28/17 09:12	
Bromochloromethane	ug/kg	<21.4	50.0	06/28/17 09:12	
Bromodichloromethane	ug/kg	<9.8	50.0	06/28/17 09:12	
Bromoform	ug/kg	<19.8	50.0	06/28/17 09:12	
Bromomethane	ug/kg	<69.9	250	06/28/17 09:12	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/28/17 09:12	
Chlorobenzene	ug/kg	<14.8	50.0	06/28/17 09:12	
Chloroethane	ug/kg	<67.0	250	06/28/17 09:12	
Chloroform	ug/kg	<46.4	250	06/28/17 09:12	
Chloromethane	ug/kg	<20.4	50.0	06/28/17 09:12	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/28/17 09:12	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/28/17 09:12	
Dibromochloromethane	ug/kg	<17.9	50.0	06/28/17 09:12	
Dibromomethane	ug/kg	<19.3	50.0	06/28/17 09:12	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/28/17 09:12	
Diisopropyl ether	ug/kg	<17.7	50.0	06/28/17 09:12	
Ethylbenzene	ug/kg	<12.4	50.0	06/28/17 09:12	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

METHOD BLANK: 1531467

Matrix: Solid

Associated Lab Samples: 40152263001, 40152263005, 40152263006, 40152263007, 40152263008, 40152263009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	06/28/17 09:12	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/28/17 09:12	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/28/17 09:12	
Methylene Chloride	ug/kg	52.0	50.0	06/28/17 09:12	
n-Butylbenzene	ug/kg	<10.5	50.0	06/28/17 09:12	
n-Propylbenzene	ug/kg	<11.6	50.0	06/28/17 09:12	
Naphthalene	ug/kg	<40.0	250	06/28/17 09:12	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/28/17 09:12	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/28/17 09:12	
Styrene	ug/kg	<9.0	50.0	06/28/17 09:12	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/28/17 09:12	
Tetrachloroethene	ug/kg	<12.9	50.0	06/28/17 09:12	
Toluene	ug/kg	<11.2	50.0	06/28/17 09:12	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/28/17 09:12	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/28/17 09:12	
Trichloroethene	ug/kg	<23.6	50.0	06/28/17 09:12	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/28/17 09:12	
Vinyl chloride	ug/kg	<21.1	50.0	06/28/17 09:12	
Xylene (Total)	ug/kg	<48.4	150	06/28/17 09:12	
4-Bromofluorobenzene (S)	%	91	58-141	06/28/17 09:12	
Dibromofluoromethane (S)	%	97	68-130	06/28/17 09:12	
Toluene-d8 (S)	%	97	68-149	06/28/17 09:12	

LABORATORY CONTROL SAMPLE: 1531468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2230	89	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	1900	76	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2280	91	70-130	
1,1-Dichloroethane	ug/kg	2500	2220	89	63-124	
1,1-Dichloroethene	ug/kg	2500	1880	75	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	1760	71	78-130	L2
1,2-Dibromo-3-chloropropane	ug/kg	2500	1550	62	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2050	82	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2010	81	70-130	
1,2-Dichloroethane	ug/kg	2500	2360	94	56-135	
1,2-Dichloropropane	ug/kg	2500	2160	86	77-122	
1,3-Dichlorobenzene	ug/kg	2500	1990	79	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2090	84	70-130	
Benzene	ug/kg	2500	2200	88	66-130	
Bromodichloromethane	ug/kg	2500	1910	76	62-135	
Bromoform	ug/kg	2500	1660	67	68-130	L2
Bromomethane	ug/kg	2500	1830	73	29-137	
Carbon tetrachloride	ug/kg	2500	2100	84	57-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

LABORATORY CONTROL SAMPLE: 1531468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2260	90	70-130	
Chloroethane	ug/kg	2500	2190	88	36-144	
Chloroform	ug/kg	2500	2200	88	69-115	
Chloromethane	ug/kg	2500	1770	71	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2420	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	1890	75	70-130	
Dibromochloromethane	ug/kg	2500	1830	73	70-130	
Dichlorodifluoromethane	ug/kg	2500	1200	48	10-99	
Ethylbenzene	ug/kg	2500	2060	82	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2150	86	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2290	91	63-134	
Methylene Chloride	ug/kg	2500	2320	93	56-123	
Styrene	ug/kg	2500	2210	88	70-130	
Tetrachloroethene	ug/kg	2500	2360	94	70-131	
Toluene	ug/kg	2500	2160	86	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2350	94	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	1880	75	68-130	
Trichloroethene	ug/kg	2500	2220	89	70-130	
Trichlorofluoromethane	ug/kg	2500	2170	87	37-149	
Vinyl chloride	ug/kg	2500	1830	73	43-128	
Xylene (Total)	ug/kg	7500	6530	87	70-130	
4-Bromofluorobenzene (S)	%			79	58-141	
Dibromofluoromethane (S)	%			91	68-130	
Toluene-d8 (S)	%			83	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1531469 1531470

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152263006 Result	Spike Conc.	Spike Conc.	MS Conc.								
1,1,1-Trichloroethane	ug/kg	<25.0	1410	1410	1250	1280	89	91	57-123	2	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1410	1410	1340	1310	95	93	73-135	2	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1410	1410	1480	1420	105	101	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1410	1410	1330	1370	95	97	63-124	3	20		
1,1-Dichloroethene	ug/kg	<25.0	1410	1410	1130	1130	80	80	48-117	0	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1410	1410	1350	1250	96	89	78-145	8	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1410	1410	995	967	71	69	38-168	3	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1410	1410	1320	1320	93	93	70-130	0	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1410	1410	1390	1380	99	98	70-130	1	20		
1,2-Dichloroethane	ug/kg	<25.0	1410	1410	1410	1510	100	107	56-145	7	20		
1,2-Dichloropropane	ug/kg	<25.0	1410	1410	1380	1300	98	92	77-123	5	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1410	1410	1400	1390	99	98	70-130	1	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1410	1410	1510	1430	107	102	70-130	5	20		
Benzene	ug/kg	<25.0	1410	1410	1330	1330	95	94	65-130	0	20		
Bromodichloromethane	ug/kg	<25.0	1410	1410	1200	1220	85	87	59-141	2	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

Parameter	Units	40152263006		1531469		1531470		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Bromoform	ug/kg	<25.0	1410	1410	1030	1090	73	77	59-141	5	20		
Bromomethane	ug/kg	<69.9	1410	1410	1060	1050	75	74	28-139	1	20		
Carbon tetrachloride	ug/kg	<25.0	1410	1410	1180	1270	84	90	50-130	7	20		
Chlorobenzene	ug/kg	<25.0	1410	1410	1440	1420	102	101	70-130	1	20		
Chloroethane	ug/kg	<67.0	1410	1410	1210	1320	86	93	36-144	9	20		
Chloroform	ug/kg	<46.4	1410	1410	1370	1430	97	102	68-122	4	20		
Chloromethane	ug/kg	<25.0	1410	1410	900	949	64	67	30-126	5	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1410	1410	1300	1390	92	99	63-130	7	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1410	1410	1240	1120	88	79	70-130	10	20		
Dibromochloromethane	ug/kg	<25.0	1410	1410	1250	1060	89	75	66-136	17	20		
Dichlorodifluoromethane	ug/kg	<25.0	1410	1410	569	506	40	36	10-99	12	33		
Ethylbenzene	ug/kg	<25.0	1410	1410	1330	1260	95	90	80-122	5	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1410	1410	1360	1240	96	88	70-130	9	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1410	1410	1410	1460	100	104	63-134	4	20		
Methylene Chloride	ug/kg	<25.0	1410	1410	1260	1280	90	91	56-127	1	20		
Styrene	ug/kg	<25.0	1410	1410	1400	1400	99	99	70-130	0	20		
Tetrachloroethene	ug/kg	<25.0	1410	1410	1430	1350	101	96	70-131	6	20		
Toluene	ug/kg	<25.0	1410	1410	1420	1350	101	96	80-120	5	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1410	1410	1440	1390	102	99	60-130	3	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1410	1410	1210	1060	86	75	68-130	13	20		
Trichloroethene	ug/kg	<25.0	1410	1410	1400	1320	100	94	70-130	6	20		
Trichlorofluoromethane	ug/kg	<25.0	1410	1410	1370	1220	97	86	37-149	12	24		
Vinyl chloride	ug/kg	<25.0	1410	1410	987	991	70	70	39-128	0	20		
Xylene (Total)	ug/kg	<75.0	4230	4230	4080	3900	97	92	70-130	5	20		
4-Bromofluorobenzene (S)	%						93	93	58-141				
Dibromofluoromethane (S)	%						100	109	68-130				
Toluene-d8 (S)	%						99	102	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

QC Batch: 260090 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152263001, 40152263002, 40152263003, 40152263004, 40152263005, 40152263006, 40152263007, 40152263008, 40152263009

METHOD BLANK: 1532257 Matrix: Solid  
Associated Lab Samples: 40152263001, 40152263002, 40152263003, 40152263004, 40152263005, 40152263006, 40152263007, 40152263008, 40152263009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	06/30/17 09:17	
2-Methylnaphthalene	ug/kg	<5.0	16.7	06/30/17 09:17	
Acenaphthene	ug/kg	<3.9	12.9	06/30/17 09:17	
Acenaphthylene	ug/kg	<3.3	11.0	06/30/17 09:17	
Anthracene	ug/kg	<5.7	19.0	06/30/17 09:17	
Benzo(a)anthracene	ug/kg	<3.2	10.6	06/30/17 09:17	
Benzo(a)pyrene	ug/kg	<2.5	8.4	06/30/17 09:17	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	06/30/17 09:17	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	06/30/17 09:17	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	06/30/17 09:17	
Chrysene	ug/kg	<3.4	11.2	06/30/17 09:17	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	06/30/17 09:17	
Fluoranthene	ug/kg	<5.2	17.4	06/30/17 09:17	
Fluorene	ug/kg	<4.1	13.8	06/30/17 09:17	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	06/30/17 09:17	
Naphthalene	ug/kg	<8.4	28.1	06/30/17 09:17	
Phenanthrene	ug/kg	<11.7	38.9	06/30/17 09:17	
Pyrene	ug/kg	<4.5	15.0	06/30/17 09:17	
2-Fluorobiphenyl (S)	%	56	19-96	06/30/17 09:17	
Terphenyl-d14 (S)	%	69	31-98	06/30/17 09:17	

LABORATORY CONTROL SAMPLE: 1532258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	203	61	49-102	
2-Methylnaphthalene	ug/kg	334	202	60	47-91	
Acenaphthene	ug/kg	334	235	70	52-97	
Acenaphthylene	ug/kg	334	229	69	49-97	
Anthracene	ug/kg	334	241	72	62-101	
Benzo(a)anthracene	ug/kg	334	218	65	53-95	
Benzo(a)pyrene	ug/kg	334	250	75	57-108	
Benzo(b)fluoranthene	ug/kg	334	250	75	53-113	
Benzo(g,h,i)perylene	ug/kg	334	242	72	43-114	
Benzo(k)fluoranthene	ug/kg	334	260	78	66-116	
Chrysene	ug/kg	334	238	71	64-109	
Dibenz(a,h)anthracene	ug/kg	334	244	73	50-105	
Fluoranthene	ug/kg	334	234	70	58-107	
Fluorene	ug/kg	334	234	70	52-99	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

LABORATORY CONTROL SAMPLE: 1532258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	334	239	71	51-113	
Naphthalene	ug/kg	334	206	62	50-91	
Phenanthrene	ug/kg	334	236	71	57-101	
Pyrene	ug/kg	334	233	70	50-102	
2-Fluorobiphenyl (S)	%			62	19-96	
Terphenyl-d14 (S)	%			72	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532259 1532260

Parameter	Units	40152261006		MSD		MSD		MSD		% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
1-Methylnaphthalene	ug/kg	<4.5	375	376	214	194	57	51	37-102	10	29	
2-Methylnaphthalene	ug/kg	<5.6	375	376	214	194	57	52	44-91	10	36	
Acenaphthene	ug/kg	<4.4	375	376	247	247	66	66	46-97	0	26	
Acenaphthylene	ug/kg	<3.7	375	376	240	239	64	64	47-97	0	29	
Anthracene	ug/kg	<6.4	375	376	234	246	62	66	50-101	5	28	
Benzo(a)anthracene	ug/kg	<3.6	375	376	220	229	59	61	48-95	4	28	
Benzo(a)pyrene	ug/kg	<2.8	375	376	231	247	61	65	47-108	7	36	
Benzo(b)fluoranthene	ug/kg	<3.2	375	376	233	261	62	69	42-113	11	34	
Benzo(g,h,i)perylene	ug/kg	<2.3	375	376	152	148	40	39	18-114	2	30	
Benzo(k)fluoranthene	ug/kg	<2.8	375	376	247	256	66	68	50-116	3	27	
Chrysene	ug/kg	<3.8	375	376	219	233	58	62	55-109	6	28	
Dibenz(a,h)anthracene	ug/kg	<2.5	375	376	198	205	53	54	39-105	3	29	
Fluoranthene	ug/kg	<5.9	375	376	222	236	59	63	41-107	6	28	
Fluorene	ug/kg	<4.7	375	376	236	243	63	65	48-99	3	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.5	375	376	180	184	48	49	27-113	2	30	
Naphthalene	ug/kg	<9.5	375	376	238	209	63	56	40-91	13	37	
Phenanthrene	ug/kg	<13.1	375	376	228	241	60	64	46-101	6	40	
Pyrene	ug/kg	<5.1	375	376	222	232	59	61	50-102	4	31	
2-Fluorobiphenyl (S)	%						58	55	19-96			
Terphenyl-d14 (S)	%						60	63	31-98			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

QC Batch: 259895

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152263001, 40152263002, 40152263003, 40152263004, 40152263005, 40152263006

SAMPLE DUPLICATE: 1530855

Parameter	Units	40152265010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.8	5.6	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

---

QC Batch:	259979	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152263007, 40152263008, 40152263009		

---

SAMPLE DUPLICATE: 1531152

Parameter	Units	40152347002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.7	21.3	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152263

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152263

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152263007	TWB-1C 0-2	EPA 3050	259752	EPA 6010	259890
40152263008	TWB-1C 2-4	EPA 3050	259752	EPA 6010	259890
40152263009	TWB-1C 4-6	EPA 3050	259752	EPA 6010	259890
40152263001	TWB-1A 0-2	EPA 3546	260090	EPA 8270 by SIM	260125
40152263002	TWB-1A 2-4	EPA 3546	260090	EPA 8270 by SIM	260125
40152263003	TWB-1A 4-6	EPA 3546	260090	EPA 8270 by SIM	260125
40152263004	TWB-1B 0-2	EPA 3546	260090	EPA 8270 by SIM	260125
40152263005	TWB-1B 2-4	EPA 3546	260090	EPA 8270 by SIM	260125
40152263006	TWB-1B 4-6	EPA 3546	260090	EPA 8270 by SIM	260125
40152263007	TWB-1C 0-2	EPA 3546	260090	EPA 8270 by SIM	260125
40152263008	TWB-1C 2-4	EPA 3546	260090	EPA 8270 by SIM	260125
40152263009	TWB-1C 4-6	EPA 3546	260090	EPA 8270 by SIM	260125
40152263001	TWB-1A 0-2	EPA 5035/5030B	260026	EPA 8260	260030
40152263002	TWB-1A 2-4	EPA 5035/5030B	259901	EPA 8260	259910
40152263003	TWB-1A 4-6	EPA 5035/5030B	259901	EPA 8260	259910
40152263004	TWB-1B 0-2	EPA 5035/5030B	259901	EPA 8260	259910
40152263005	TWB-1B 2-4	EPA 5035/5030B	260026	EPA 8260	260030
40152263006	TWB-1B 4-6	EPA 5035/5030B	260026	EPA 8260	260030
40152263007	TWB-1C 0-2	EPA 5035/5030B	260026	EPA 8260	260030
40152263008	TWB-1C 2-4	EPA 5035/5030B	260026	EPA 8260	260030
40152263009	TWB-1C 4-6	EPA 5035/5030B	260026	EPA 8260	260030
40152263001	TWB-1A 0-2	ASTM D2974-87	259895		
40152263002	TWB-1A 2-4	ASTM D2974-87	259895		
40152263003	TWB-1A 4-6	ASTM D2974-87	259895		
40152263004	TWB-1B 0-2	ASTM D2974-87	259895		
40152263005	TWB-1B 2-4	ASTM D2974-87	259895		
40152263006	TWB-1B 4-6	ASTM D2974-87	259895		
40152263007	TWB-1C 0-2	ASTM D2974-87	259979		
40152263008	TWB-1C 2-4	ASTM D2974-87	259979		
40152263009	TWB-1C 4-6	ASTM D2974-87	259979		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40152263

SSM

Page: \_\_\_\_\_ of \_\_\_\_\_

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:	
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:	
Phone: 262-544-0118	Fax:	Project Name: The Couture		Pace Quote Reference:	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:	
				Pace Profile #:	

**REGULATORY AGENCY**

NPDES  GROUND WATER  DRINKING WATER

UST  RCRA  OTHER \_\_\_\_\_

**Site Location**  
STATE: WI

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analysis Test Y/N	Requested Analysis Filtered (Y/N)						Residual Chlorine (Y/N)															
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		Methanol	Other	VOC	PAH	Arsenic	Lead		Selenium	Mercury													
					DATE	TIME	DATE	TIME																															
1	TWB-1A	0-2	SL	G	6/22/17	1015			2	x																													
2	TWB-1A	2-4	SL	G		1020			2	x																													
3	TWB-1A	4-6	SL	G		1025			2	x																													
4	TWB-1B	0-2	SL	G		1200			2	x																													
5	TWB-1B	2-4	SL	G		1205			2	x																													
6	TWB-1B	4-6	SL	G		1210			2	x																													
7	TWB-1C	0-2	SL	G		1110			2	x																													
8	TWB-1C	2-4	SL	G		1115			2	x																													
9	TWB-1C	4-6	SL	G		1120			2	x																													
10			SL	G					2	x																													
11			SL	G					2	x																													
12			SL	G					2	x																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[Signature] / Giles	6/23/17	10:22	Mary Janina	6/23/17	10:22	
	Mary Janina	6/23/17	11:45	Rochelle New Pce	6/23/17	11:45	
	Rochelle New Pce	6/23/17	1351	Susan Myler Pce	6/23/17	1351	ROI Y N X

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Kelly Hayden				
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YY):	6/22/17		

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302

**Pace Analytical**  
Client Name: Giles Eng

Project #: **WO# : 40152263**

Courier:  Fed Ex  UPS  Client  Pace  Other  
Tracking #: \_\_\_\_\_



Custody Seal on Cooler/Box Present:  yes  no    Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no    Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used N/A    Type of Ice:  Wet  Blue  Dry  None     Samples on ice, cooling process has begun

Cooler Temperature    Uncorr: RDT    I/Corr: \_\_\_\_\_    Biological Tissue is Frozen:  yes

Temp Blank Present:  yes  no     no

Person examining contents:  
Date: 6-27-17  
Initials: SW

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

Comments:

Chain of Custody Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>15</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: RNR for DM

Date: 6/27/17



## CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

**Section A**

**Required Client Information:**  
 Company: Giles Engineering Associates, Inc  
 Address: N8 W22350 Johnson Drive Ste. A1  
 Waukesha WI 53186  
 Email To: kbugel@gilesengr.com  
 Phone: 262-544-0118 Fax:  
 Requested Due Date/TAT: 5 day

**Section B**

**Required Project Information:**  
 Report To: Kevin Bugel kbugel@gilesengr.com  
 Copy To: Kelly Hayden khayden@gilesengr.com  
 Purchase Order No.:  
 Project Name: The Couture  
 Project Number: 1E-1704004

**Section C**

**Invoice Information:**  
 Attention:  
 Company Name:  
 Address:  
 Pace Quote Reference:  
 Pace Project Manager:  
 Pace Profile #:

**REGULATORY AGENCY**

NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER \_\_\_\_\_

Site Location: WI  
 STATE: WI

ITEM #	Section D Required Client Information		Valid Matrix Codes MATRIX CODE		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.													
	SAMPLE ID (A-Z, 0-9 / .-) Sample IDs MUST BE UNIQUE	CODE	DW	WT			WW	P	SL	OL			WP	AR	OT	TS	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl		NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other	VOC	PAH	Arsenic	Lead	Selenium	Mercury			Cadmium	Copper	Chromium	Manganese	Nickel	Silver	Zinc						
																																									COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME		
1	TWB-1A	0-2				SL	G	6/22/17	1015			2	x							x	x																									
2	TWB-1A	2-4				SL	G		1020			2	x							x	x																									
3	TWB-1A	4-6				SL	G		1025			2	x							x	x																									
4	TWB-1B	0-2				SL	G		1200			2	x							x	x																									
5	TWB-1B	2-4				SL	G		1205			2	x							x	x																									
6	TWB-1B	4-6				SL	G		1210			2	x							x	x																									
7	TWB-1C	0-2				SL	G		1110			2	x							x	x																									
8	TWB-1C	2-4				SL	G		1115			2	x							x	x																									
9	TWB-1C	4-6				SL	G		1120			2	x							x	x																									
10						SL	G					2	x							x	x																									
11						SL	G					2	x							x	x																									
12						SL	G					2	x							x	x																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>[Signature]</i> / Giles	6/23/17		Mary Jensen	6/23/17	10:22	

<b>SAMPLER NAME AND SIGNATURE</b>			Temp in °C	Received on Ice (Y/N)	Custody Sealed cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden						
SIGNATURE of SAMPLER: <i>[Signature]</i>		DATE Signed (MM/DD/YY): 6/22/17				



July 18, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on June 23, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152264001	B-2A 2-4	Solid	06/21/17 15:15	06/23/17 13:51
40152264002	B-2A 4-6	Solid	06/21/17 15:20	06/23/17 13:51
40152264003	B-2A 6-8	Solid	06/21/17 15:25	06/23/17 13:51
40152264004	B-2B 2-4	Solid	06/22/17 09:30	06/23/17 13:51
40152264005	B-2B 4-6	Solid	06/22/17 09:35	06/23/17 13:51
40152264006	B-2B 6-8	Solid	06/22/17 09:40	06/23/17 13:51
40152264007	B-2C 2-4	Solid	06/22/17 08:30	06/23/17 13:51
40152264008	B-2C 4-6	Solid	06/22/17 08:35	06/23/17 13:51
40152264009	B-2C 6-8	Solid	06/22/17 08:40	06/23/17 13:51

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152264001	B-2A 2-4	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152264002	B-2A 4-6	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152264003	B-2A 6-8	EPA 8270 by SIM	RJN	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152264004	B-2B 2-4	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152264005	B-2B 4-6	EPA 8270 by SIM	RJN	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152264006	B-2B 6-8	EPA 8270 by SIM	RJN	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152264007	B-2C 2-4	EPA 6010	JLD	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152264008	B-2C 4-6	EPA 6010	JLD	3	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152264009	B-2C 6-8	EPA 6010	JLD	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152264001</b>	<b>B-2A 2-4</b>					
EPA 8270 by SIM	Acenaphthene	51.2	ug/kg	28.1	07/04/17 00:03	
EPA 8270 by SIM	Acenaphthylene	23.6J	ug/kg	23.9	07/04/17 00:03	
EPA 8270 by SIM	Anthracene	160	ug/kg	41.3	07/04/17 00:03	
EPA 8270 by SIM	Benzo(a)anthracene	445	ug/kg	23.1	07/04/17 00:03	
EPA 8270 by SIM	Benzo(a)pyrene	477	ug/kg	18.2	07/04/17 00:03	
EPA 8270 by SIM	Benzo(b)fluoranthene	616	ug/kg	20.5	07/04/17 00:03	
EPA 8270 by SIM	Benzo(g,h,i)perylene	360	ug/kg	14.7	07/04/17 00:03	
EPA 8270 by SIM	Benzo(k)fluoranthene	243	ug/kg	18.2	07/04/17 00:03	
EPA 8270 by SIM	Chrysene	471	ug/kg	24.4	07/04/17 00:03	
EPA 8270 by SIM	Dibenz(a,h)anthracene	89.0	ug/kg	16.2	07/04/17 00:03	
EPA 8270 by SIM	Fluoranthene	1050	ug/kg	37.9	07/04/17 00:03	
EPA 8270 by SIM	Fluorene	52.3	ug/kg	30.0	07/04/17 00:03	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	299	ug/kg	15.9	07/04/17 00:03	
EPA 8270 by SIM	1-Methylnaphthalene	68.8	ug/kg	29.2	07/04/17 00:03	
EPA 8270 by SIM	2-Methylnaphthalene	91.1	ug/kg	36.3	07/04/17 00:03	
EPA 8270 by SIM	Naphthalene	85.7	ug/kg	61.1	07/04/17 00:03	
EPA 8270 by SIM	Phenanthrene	478	ug/kg	84.4	07/04/17 00:03	
EPA 8270 by SIM	Pyrene	770	ug/kg	32.6	07/04/17 00:03	
EPA 8260	Benzene	335	ug/kg	65.3	06/28/17 15:23	
EPA 8260	Ethylbenzene	73.4	ug/kg	65.3	06/28/17 15:23	
EPA 8260	Naphthalene	66.7J	ug/kg	272	06/28/17 15:23	
EPA 8260	n-Propylbenzene	51.7J	ug/kg	65.3	06/28/17 15:23	
EPA 8260	Toluene	77.7	ug/kg	65.3	06/28/17 15:23	
EPA 8260	1,2,4-Trimethylbenzene	96.8	ug/kg	65.3	06/28/17 15:23	
EPA 8260	Xylene (Total)	211	ug/kg	196	06/28/17 15:23	
ASTM D2974-87	Percent Moisture	8.1	%	0.10	06/24/17 10:54	
<b>40152264002</b>	<b>B-2A 4-6</b>					
EPA 8270 by SIM	Acenaphthene	8.4J	ug/kg	15.7	07/03/17 23:46	
EPA 8270 by SIM	Acenaphthylene	4.4J	ug/kg	13.4	07/03/17 23:46	
EPA 8270 by SIM	Anthracene	30.4	ug/kg	23.1	07/03/17 23:46	
EPA 8270 by SIM	Benzo(a)anthracene	86.9	ug/kg	12.9	07/03/17 23:46	
EPA 8270 by SIM	Benzo(a)pyrene	96.5	ug/kg	10.2	07/03/17 23:46	
EPA 8270 by SIM	Benzo(b)fluoranthene	124	ug/kg	11.5	07/03/17 23:46	
EPA 8270 by SIM	Benzo(g,h,i)perylene	79.8	ug/kg	8.2	07/03/17 23:46	
EPA 8270 by SIM	Benzo(k)fluoranthene	51.5	ug/kg	10.2	07/03/17 23:46	
EPA 8270 by SIM	Chrysene	91.9	ug/kg	13.6	07/03/17 23:46	
EPA 8270 by SIM	Dibenz(a,h)anthracene	18.8	ug/kg	9.1	07/03/17 23:46	
EPA 8270 by SIM	Fluoranthene	190	ug/kg	21.2	07/03/17 23:46	
EPA 8270 by SIM	Fluorene	8.9J	ug/kg	16.8	07/03/17 23:46	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	63.4	ug/kg	8.9	07/03/17 23:46	
EPA 8270 by SIM	1-Methylnaphthalene	15.5J	ug/kg	16.3	07/03/17 23:46	
EPA 8270 by SIM	2-Methylnaphthalene	21.3	ug/kg	20.3	07/03/17 23:46	
EPA 8270 by SIM	Naphthalene	22.7J	ug/kg	34.2	07/03/17 23:46	
EPA 8270 by SIM	Phenanthrene	90.4	ug/kg	47.2	07/03/17 23:46	
EPA 8270 by SIM	Pyrene	147	ug/kg	18.3	07/03/17 23:46	
EPA 8260	Benzene	33.3J	ug/kg	73.1	06/28/17 15:46	
ASTM D2974-87	Percent Moisture	17.9	%	0.10	06/24/17 10:55	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152264003</b>	<b>B-2A 6-8</b>					
EPA 8270 by SIM	Benzo(a)anthracene	4.0J	ug/kg	12.4	06/30/17 17:22	
EPA 8270 by SIM	Benzo(b)fluoranthene	4.4J	ug/kg	11.0	06/30/17 17:22	
EPA 8270 by SIM	Chrysene	5.2J	ug/kg	13.1	06/30/17 17:22	
EPA 8270 by SIM	Fluoranthene	6.6J	ug/kg	20.3	06/30/17 17:22	
EPA 8270 by SIM	Pyrene	6.0J	ug/kg	17.5	06/30/17 17:22	
ASTM D2974-87	Percent Moisture	14.2	%	0.10	06/24/17 10:55	
<b>40152264004</b>	<b>B-2B 2-4</b>					
EPA 8270 by SIM	Acenaphthene	92.6	ug/kg	28.6	07/18/17 09:18	H2
EPA 8270 by SIM	Acenaphthylene	54.9	ug/kg	24.4	07/18/17 09:18	H2
EPA 8270 by SIM	Anthracene	235	ug/kg	42.2	07/18/17 09:18	H2
EPA 8270 by SIM	Benzo(a)anthracene	473	ug/kg	23.5	07/18/17 09:18	H2
EPA 8270 by SIM	Benzo(a)pyrene	416	ug/kg	18.6	07/18/17 09:18	H2
EPA 8270 by SIM	Benzo(b)fluoranthene	578	ug/kg	20.9	07/18/17 09:18	H2
EPA 8270 by SIM	Benzo(g,h,i)perylene	128	ug/kg	15.0	07/18/17 09:18	H2
EPA 8270 by SIM	Benzo(k)fluoranthene	238	ug/kg	18.6	07/18/17 09:18	H2
EPA 8270 by SIM	Chrysene	476	ug/kg	24.9	07/18/17 09:18	H2
EPA 8270 by SIM	Dibenz(a,h)anthracene	50.3	ug/kg	16.5	07/18/17 09:18	H2
EPA 8270 by SIM	Fluoranthene	922	ug/kg	38.6	07/18/17 09:18	H2
EPA 8270 by SIM	Fluorene	112	ug/kg	30.6	07/18/17 09:18	H2
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	134	ug/kg	16.3	07/18/17 09:18	H2
EPA 8270 by SIM	1-Methylnaphthalene	42.4	ug/kg	29.8	07/18/17 09:18	H2
EPA 8270 by SIM	2-Methylnaphthalene	45.5	ug/kg	37.1	07/18/17 09:18	H2
EPA 8270 by SIM	Naphthalene	64.2	ug/kg	62.4	07/18/17 09:18	1q,H2
EPA 8270 by SIM	Phenanthrene	879	ug/kg	86.2	07/18/17 09:18	H2
EPA 8270 by SIM	Pyrene	791	ug/kg	33.3	07/18/17 09:18	H2
ASTM D2974-87	Percent Moisture	10.0	%	0.10	06/24/17 10:55	
<b>40152264005</b>	<b>B-2B 4-6</b>					
EPA 8270 by SIM	Benzo(a)anthracene	18.3	ug/kg	11.8	06/30/17 15:55	
EPA 8270 by SIM	Benzo(a)pyrene	19.1	ug/kg	9.3	06/30/17 15:55	
EPA 8270 by SIM	Benzo(b)fluoranthene	23.4	ug/kg	10.5	06/30/17 15:55	
EPA 8270 by SIM	Benzo(g,h,i)perylene	5.4J	ug/kg	7.6	06/30/17 15:55	
EPA 8270 by SIM	Benzo(k)fluoranthene	11.1	ug/kg	9.3	06/30/17 15:55	
EPA 8270 by SIM	Chrysene	17.1	ug/kg	12.5	06/30/17 15:55	
EPA 8270 by SIM	Fluoranthene	11.5J	ug/kg	19.4	06/30/17 15:55	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	6.4J	ug/kg	8.2	06/30/17 15:55	
EPA 8270 by SIM	Pyrene	11.4J	ug/kg	16.8	06/30/17 15:55	
ASTM D2974-87	Percent Moisture	10.6	%	0.10	06/24/17 10:55	
<b>40152264006</b>	<b>B-2B 6-8</b>					
EPA 8270 by SIM	Benzo(a)anthracene	6.8J	ug/kg	11.8	06/30/17 17:39	
EPA 8270 by SIM	Benzo(a)pyrene	5.4J	ug/kg	9.3	06/30/17 17:39	
EPA 8270 by SIM	Benzo(b)fluoranthene	8.8J	ug/kg	10.5	06/30/17 17:39	
EPA 8270 by SIM	Benzo(g,h,i)perylene	3.0J	ug/kg	7.5	06/30/17 17:39	
EPA 8270 by SIM	Benzo(k)fluoranthene	3.5J	ug/kg	9.3	06/30/17 17:39	
EPA 8270 by SIM	Chrysene	9.3J	ug/kg	12.4	06/30/17 17:39	
EPA 8270 by SIM	Fluoranthene	8.5J	ug/kg	19.3	06/30/17 17:39	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	2.5J	ug/kg	8.1	06/30/17 17:39	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152264006</b>	<b>B-2B 6-8</b>					
EPA 8270 by SIM	Pyrene	7.2J	ug/kg	16.7	06/30/17 17:39	
ASTM D2974-87	Percent Moisture	9.9	%	0.10	06/24/17 10:55	
<b>40152264007</b>	<b>B-2C 2-4</b>					
EPA 6010	Arsenic	5.3	mg/kg	5.1	06/27/17 18:58	
EPA 6010	Lead	35.9	mg/kg	1.3	06/27/17 18:58	
EPA 8270 by SIM	Acenaphthene	375	ug/kg	70.0	07/04/17 02:20	
EPA 8270 by SIM	Acenaphthylene	45.3J	ug/kg	59.7	07/04/17 02:20	
EPA 8270 by SIM	Anthracene	221	ug/kg	103	07/04/17 02:20	
EPA 8270 by SIM	Benzo(a)anthracene	559	ug/kg	57.5	07/04/17 02:20	
EPA 8270 by SIM	Benzo(a)pyrene	700	ug/kg	45.4	07/04/17 02:20	
EPA 8270 by SIM	Benzo(b)fluoranthene	863	ug/kg	51.1	07/04/17 02:20	
EPA 8270 by SIM	Benzo(g,h,i)perylene	447	ug/kg	36.7	07/04/17 02:20	
EPA 8270 by SIM	Benzo(k)fluoranthene	376	ug/kg	45.4	07/04/17 02:20	
EPA 8270 by SIM	Chrysene	602	ug/kg	60.8	07/04/17 02:20	
EPA 8270 by SIM	Dibenz(a,h)anthracene	113	ug/kg	40.4	07/04/17 02:20	
EPA 8270 by SIM	Fluoranthene	1380	ug/kg	94.4	07/04/17 02:20	
EPA 8270 by SIM	Fluorene	121	ug/kg	74.9	07/04/17 02:20	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	400	ug/kg	39.8	07/04/17 02:20	
EPA 8270 by SIM	1-Methylnaphthalene	296	ug/kg	72.7	07/04/17 02:20	
EPA 8270 by SIM	2-Methylnaphthalene	387	ug/kg	90.6	07/04/17 02:20	
EPA 8270 by SIM	Naphthalene	672	ug/kg	152	07/04/17 02:20	
EPA 8270 by SIM	Phenanthrene	633	ug/kg	211	07/04/17 02:20	
EPA 8270 by SIM	Pyrene	1090	ug/kg	81.4	07/04/17 02:20	
EPA 8260	Benzene	295	ug/kg	65.1	06/28/17 20:13	
EPA 8260	n-Butylbenzene	39.1J	ug/kg	65.1	06/28/17 20:13	
EPA 8260	Ethylbenzene	86.0	ug/kg	65.1	06/28/17 20:13	
EPA 8260	Naphthalene	422	ug/kg	271	06/28/17 20:13	
EPA 8260	n-Propylbenzene	59.4J	ug/kg	65.1	06/28/17 20:13	
EPA 8260	Toluene	86.6	ug/kg	65.1	06/28/17 20:13	
EPA 8260	1,2,4-Trimethylbenzene	99.1	ug/kg	65.1	06/28/17 20:13	
EPA 8260	1,3,5-Trimethylbenzene	37.1J	ug/kg	65.1	06/28/17 20:13	
EPA 8260	Xylene (Total)	228	ug/kg	195	06/28/17 20:13	
ASTM D2974-87	Percent Moisture	7.8	%	0.10	06/24/17 10:55	
<b>40152264008</b>	<b>B-2C 4-6</b>					
EPA 6010	Arsenic	5.3	mg/kg	4.7	06/27/17 19:01	
EPA 6010	Lead	38.4	mg/kg	1.2	06/27/17 19:01	
EPA 8270 by SIM	Acenaphthene	729	ug/kg	276	06/30/17 17:04	
EPA 8270 by SIM	Acenaphthylene	252	ug/kg	236	06/30/17 17:04	
EPA 8270 by SIM	Anthracene	1670	ug/kg	407	06/30/17 17:04	
EPA 8270 by SIM	Benzo(a)anthracene	2130	ug/kg	227	06/30/17 17:04	
EPA 8270 by SIM	Benzo(a)pyrene	1710	ug/kg	179	06/30/17 17:04	
EPA 8270 by SIM	Benzo(b)fluoranthene	1940	ug/kg	202	06/30/17 17:04	
EPA 8270 by SIM	Benzo(g,h,i)perylene	514	ug/kg	145	06/30/17 17:04	
EPA 8270 by SIM	Benzo(k)fluoranthene	927	ug/kg	179	06/30/17 17:04	
EPA 8270 by SIM	Chrysene	2020	ug/kg	240	06/30/17 17:04	
EPA 8270 by SIM	Dibenz(a,h)anthracene	225	ug/kg	160	06/30/17 17:04	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152264008</b>	<b>B-2C 4-6</b>					
EPA 8270 by SIM	Fluoranthene	4180	ug/kg	373	06/30/17 17:04	
EPA 8270 by SIM	Fluorene	936	ug/kg	296	06/30/17 17:04	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	570	ug/kg	157	06/30/17 17:04	
EPA 8270 by SIM	1-Methylnaphthalene	382	ug/kg	287	06/30/17 17:04	
EPA 8270 by SIM	2-Methylnaphthalene	468	ug/kg	358	06/30/17 17:04	
EPA 8270 by SIM	Naphthalene	660	ug/kg	602	06/30/17 17:04	
EPA 8270 by SIM	Phenanthrene	5050	ug/kg	831	06/30/17 17:04	
EPA 8270 by SIM	Pyrene	3830	ug/kg	321	06/30/17 17:04	
EPA 8260	Benzene	417	ug/kg	64.3	06/28/17 20:36	
EPA 8260	n-Butylbenzene	38.7J	ug/kg	64.3	06/28/17 20:36	
EPA 8260	Ethylbenzene	76.3	ug/kg	64.3	06/28/17 20:36	
EPA 8260	Naphthalene	179J	ug/kg	268	06/28/17 20:36	
EPA 8260	n-Propylbenzene	69.9	ug/kg	64.3	06/28/17 20:36	
EPA 8260	Toluene	51.5J	ug/kg	64.3	06/28/17 20:36	
EPA 8260	1,2,4-Trimethylbenzene	109	ug/kg	64.3	06/28/17 20:36	
EPA 8260	1,3,5-Trimethylbenzene	32.4J	ug/kg	64.3	06/28/17 20:36	
EPA 8260	Xylene (Total)	194	ug/kg	193	06/28/17 20:36	
ASTM D2974-87	Percent Moisture	6.7	%	0.10	06/24/17 11:12	
<b>40152264009</b>	<b>B-2C 6-8</b>					
EPA 6010	Arsenic	4.0J	mg/kg	5.4	06/27/17 17:41	
EPA 6010	Lead	84.8	mg/kg	1.4	06/27/17 17:41	
EPA 8270 by SIM	Acenaphthene	109	ug/kg	57.6	07/04/17 18:19	
EPA 8270 by SIM	Acenaphthylene	28.8J	ug/kg	49.1	07/04/17 18:19	
EPA 8270 by SIM	Anthracene	187	ug/kg	84.8	07/04/17 18:19	M1, R1
EPA 8270 by SIM	Benzo(a)anthracene	409	ug/kg	47.3	07/04/17 18:19	M1, R1
EPA 8270 by SIM	Benzo(a)pyrene	395	ug/kg	37.4	07/04/17 18:19	M1, R1
EPA 8270 by SIM	Benzo(b)fluoranthene	485	ug/kg	42.0	07/04/17 18:19	M1, R1
EPA 8270 by SIM	Benzo(g,h,i)perylene	316	ug/kg	30.2	07/04/17 18:19	M1, R1
EPA 8270 by SIM	Benzo(k)fluoranthene	222	ug/kg	37.3	07/04/17 18:19	
EPA 8270 by SIM	Chrysene	395	ug/kg	50.0	07/04/17 18:19	M1, R1
EPA 8270 by SIM	Dibenz(a,h)anthracene	72.1	ug/kg	33.3	07/04/17 18:19	
EPA 8270 by SIM	Fluoranthene	920	ug/kg	77.7	07/04/17 18:19	M1, R1
EPA 8270 by SIM	Fluorene	79.0	ug/kg	61.6	07/04/17 18:19	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	248	ug/kg	32.7	07/04/17 18:19	R1
EPA 8270 by SIM	1-Methylnaphthalene	87.0	ug/kg	59.8	07/04/17 18:19	
EPA 8270 by SIM	2-Methylnaphthalene	114	ug/kg	74.6	07/04/17 18:19	M1
EPA 8270 by SIM	Naphthalene	210	ug/kg	125	07/04/17 18:19	
EPA 8270 by SIM	Phenanthrene	654	ug/kg	173	07/04/17 18:19	M1, R1
EPA 8270 by SIM	Pyrene	770	ug/kg	67.0	07/04/17 18:19	M1, R1
ASTM D2974-87	Percent Moisture	10.5	%	0.10	06/24/17 11:12	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2A 2-4**      **Lab ID: 40152264001**      Collected: 06/21/17 15:15      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	51.2	ug/kg	28.1	8.4	2	06/28/17 09:13	07/04/17 00:03	83-32-9	
Acenaphthylene	23.6J	ug/kg	23.9	7.2	2	06/28/17 09:13	07/04/17 00:03	208-96-8	
Anthracene	160	ug/kg	41.3	12.4	2	06/28/17 09:13	07/04/17 00:03	120-12-7	
Benzo(a)anthracene	445	ug/kg	23.1	6.9	2	06/28/17 09:13	07/04/17 00:03	56-55-3	
Benzo(a)pyrene	477	ug/kg	18.2	5.5	2	06/28/17 09:13	07/04/17 00:03	50-32-8	
Benzo(b)fluoranthene	616	ug/kg	20.5	6.1	2	06/28/17 09:13	07/04/17 00:03	205-99-2	
Benzo(g,h,i)perylene	360	ug/kg	14.7	4.4	2	06/28/17 09:13	07/04/17 00:03	191-24-2	
Benzo(k)fluoranthene	243	ug/kg	18.2	5.5	2	06/28/17 09:13	07/04/17 00:03	207-08-9	
Chrysene	471	ug/kg	24.4	7.3	2	06/28/17 09:13	07/04/17 00:03	218-01-9	
Dibenz(a,h)anthracene	89.0	ug/kg	16.2	4.9	2	06/28/17 09:13	07/04/17 00:03	53-70-3	
Fluoranthene	1050	ug/kg	37.9	11.3	2	06/28/17 09:13	07/04/17 00:03	206-44-0	
Fluorene	52.3	ug/kg	30.0	9.0	2	06/28/17 09:13	07/04/17 00:03	86-73-7	
Indeno(1,2,3-cd)pyrene	299	ug/kg	15.9	4.8	2	06/28/17 09:13	07/04/17 00:03	193-39-5	
1-Methylnaphthalene	68.8	ug/kg	29.2	8.8	2	06/28/17 09:13	07/04/17 00:03	90-12-0	
2-Methylnaphthalene	91.1	ug/kg	36.3	10.9	2	06/28/17 09:13	07/04/17 00:03	91-57-6	
Naphthalene	85.7	ug/kg	61.1	18.3	2	06/28/17 09:13	07/04/17 00:03	91-20-3	
Phenanthrene	478	ug/kg	84.4	25.3	2	06/28/17 09:13	07/04/17 00:03	85-01-8	
Pyrene	770	ug/kg	32.6	9.8	2	06/28/17 09:13	07/04/17 00:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	53	%	19-96		2	06/28/17 09:13	07/04/17 00:03	321-60-8	
Terphenyl-d14 (S)	51	%	31-98		2	06/28/17 09:13	07/04/17 00:03	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	335	ug/kg	65.3	27.2	1	06/28/17 07:30	06/28/17 15:23	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 15:23	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 15:23	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 15:23	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 15:23	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2A 2-4**      **Lab ID: 40152264001**      Collected: 06/21/17 15:15      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	108-20-3	W
Ethylbenzene	73.4	ug/kg	65.3	27.2	1	06/28/17 07:30	06/28/17 15:23	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	1634-04-4	W
Naphthalene	66.7J	ug/kg	272	43.6	1	06/28/17 07:30	06/28/17 15:23	91-20-3	
n-Propylbenzene	51.7J	ug/kg	65.3	27.2	1	06/28/17 07:30	06/28/17 15:23	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	127-18-4	W
Toluene	77.7	ug/kg	65.3	27.2	1	06/28/17 07:30	06/28/17 15:23	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 15:23	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	96-18-4	W
1,2,4-Trimethylbenzene	96.8	ug/kg	65.3	27.2	1	06/28/17 07:30	06/28/17 15:23	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:23	75-01-4	W
Xylene (Total)	211	ug/kg	196	81.6	1	06/28/17 07:30	06/28/17 15:23	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	116	%	68-130		1	06/28/17 07:30	06/28/17 15:23	1868-53-7	
Toluene-d8 (S)	113	%	68-149		1	06/28/17 07:30	06/28/17 15:23	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	06/28/17 07:30	06/28/17 15:23	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture      **8.1**      %      0.10      0.10      1      06/24/17 10:54

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2A 4-6**      **Lab ID: 40152264002**      Collected: 06/21/17 15:20      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	8.4J	ug/kg	15.7	4.7	1	06/28/17 09:13	07/03/17 23:46	83-32-9	
Acenaphthylene	4.4J	ug/kg	13.4	4.0	1	06/28/17 09:13	07/03/17 23:46	208-96-8	
Anthracene	30.4	ug/kg	23.1	7.0	1	06/28/17 09:13	07/03/17 23:46	120-12-7	
Benzo(a)anthracene	86.9	ug/kg	12.9	3.9	1	06/28/17 09:13	07/03/17 23:46	56-55-3	
Benzo(a)pyrene	96.5	ug/kg	10.2	3.1	1	06/28/17 09:13	07/03/17 23:46	50-32-8	
Benzo(b)fluoranthene	124	ug/kg	11.5	3.4	1	06/28/17 09:13	07/03/17 23:46	205-99-2	
Benzo(g,h,i)perylene	79.8	ug/kg	8.2	2.5	1	06/28/17 09:13	07/03/17 23:46	191-24-2	
Benzo(k)fluoranthene	51.5	ug/kg	10.2	3.1	1	06/28/17 09:13	07/03/17 23:46	207-08-9	
Chrysene	91.9	ug/kg	13.6	4.1	1	06/28/17 09:13	07/03/17 23:46	218-01-9	
Dibenz(a,h)anthracene	18.8	ug/kg	9.1	2.7	1	06/28/17 09:13	07/03/17 23:46	53-70-3	
Fluoranthene	190	ug/kg	21.2	6.3	1	06/28/17 09:13	07/03/17 23:46	206-44-0	
Fluorene	8.9J	ug/kg	16.8	5.0	1	06/28/17 09:13	07/03/17 23:46	86-73-7	
Indeno(1,2,3-cd)pyrene	63.4	ug/kg	8.9	2.7	1	06/28/17 09:13	07/03/17 23:46	193-39-5	
1-Methylnaphthalene	15.5J	ug/kg	16.3	4.9	1	06/28/17 09:13	07/03/17 23:46	90-12-0	
2-Methylnaphthalene	21.3	ug/kg	20.3	6.1	1	06/28/17 09:13	07/03/17 23:46	91-57-6	
Naphthalene	22.7J	ug/kg	34.2	10.3	1	06/28/17 09:13	07/03/17 23:46	91-20-3	
Phenanthrene	90.4	ug/kg	47.2	14.2	1	06/28/17 09:13	07/03/17 23:46	85-01-8	
Pyrene	147	ug/kg	18.3	5.5	1	06/28/17 09:13	07/03/17 23:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	72	%	19-96		1	06/28/17 09:13	07/03/17 23:46	321-60-8	
Terphenyl-d14 (S)	73	%	31-98		1	06/28/17 09:13	07/03/17 23:46	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	33.3J	ug/kg	73.1	30.5	1	06/28/17 07:30	06/28/17 15:46	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 15:46	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 15:46	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 15:46	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 15:46	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2A 4-6**      **Lab ID: 40152264002**      Collected: 06/21/17 15:20      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 15:46	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 15:46	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 15:46	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 15:46	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	68-130		1	06/28/17 07:30	06/28/17 15:46	1868-53-7	
Toluene-d8 (S)	110	%	68-149		1	06/28/17 07:30	06/28/17 15:46	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	06/28/17 07:30	06/28/17 15:46	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	17.9	%	0.10	0.10	1		06/24/17 10:55		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2A 6-8**      **Lab ID: 40152264003**      Collected: 06/21/17 15:25      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	15.1	4.5	1	06/28/17 09:13	06/30/17 17:22	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.8	3.8	1	06/28/17 09:13	06/30/17 17:22	208-96-8	
Anthracene	<6.7	ug/kg	22.2	6.7	1	06/28/17 09:13	06/30/17 17:22	120-12-7	
Benzo(a)anthracene	4.0J	ug/kg	12.4	3.7	1	06/28/17 09:13	06/30/17 17:22	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.8	2.9	1	06/28/17 09:13	06/30/17 17:22	50-32-8	
Benzo(b)fluoranthene	4.4J	ug/kg	11.0	3.3	1	06/28/17 09:13	06/30/17 17:22	205-99-2	
Benzo(g,h,i)perylene	<2.4	ug/kg	7.9	2.4	1	06/28/17 09:13	06/30/17 17:22	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.8	2.9	1	06/28/17 09:13	06/30/17 17:22	207-08-9	
Chrysene	5.2J	ug/kg	13.1	3.9	1	06/28/17 09:13	06/30/17 17:22	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.7	2.6	1	06/28/17 09:13	06/30/17 17:22	53-70-3	
Fluoranthene	6.6J	ug/kg	20.3	6.1	1	06/28/17 09:13	06/30/17 17:22	206-44-0	
Fluorene	<4.8	ug/kg	16.1	4.8	1	06/28/17 09:13	06/30/17 17:22	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.6	ug/kg	8.6	2.6	1	06/28/17 09:13	06/30/17 17:22	193-39-5	
1-Methylnaphthalene	<4.7	ug/kg	15.6	4.7	1	06/28/17 09:13	06/30/17 17:22	90-12-0	
2-Methylnaphthalene	<5.8	ug/kg	19.5	5.8	1	06/28/17 09:13	06/30/17 17:22	91-57-6	
Naphthalene	<9.8	ug/kg	32.8	9.8	1	06/28/17 09:13	06/30/17 17:22	91-20-3	
Phenanthrene	<13.6	ug/kg	45.3	13.6	1	06/28/17 09:13	06/30/17 17:22	85-01-8	
Pyrene	6.0J	ug/kg	17.5	5.3	1	06/28/17 09:13	06/30/17 17:22	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	73	%	19-96		1	06/28/17 09:13	06/30/17 17:22	321-60-8	
Terphenyl-d14 (S)	79	%	31-98		1	06/28/17 09:13	06/30/17 17:22	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 16:09	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 16:09	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 16:09	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 16:09	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2A 6-8**      **Lab ID: 40152264003**      Collected: 06/21/17 15:25      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 16:09	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 16:09	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 16:09	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 16:09	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	68-130		1	06/28/17 07:30	06/28/17 16:09	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	06/28/17 07:30	06/28/17 16:09	2037-26-5	
4-Bromofluorobenzene (S)	102	%	58-141		1	06/28/17 07:30	06/28/17 16:09	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>14.2</b>	%	0.10	0.10	1		06/24/17 10:55		
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2B 2-4**      **Lab ID: 40152264004**      Collected: 06/22/17 09:30      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	92.6	ug/kg	28.6	8.6	2	07/07/17 07:18	07/18/17 09:18	83-32-9	H2
Acenaphthylene	54.9	ug/kg	24.4	7.3	2	07/07/17 07:18	07/18/17 09:18	208-96-8	H2
Anthracene	235	ug/kg	42.2	12.7	2	07/07/17 07:18	07/18/17 09:18	120-12-7	H2
Benzo(a)anthracene	473	ug/kg	23.5	7.0	2	07/07/17 07:18	07/18/17 09:18	56-55-3	H2
Benzo(a)pyrene	416	ug/kg	18.6	5.6	2	07/07/17 07:18	07/18/17 09:18	50-32-8	H2
Benzo(b)fluoranthene	578	ug/kg	20.9	6.3	2	07/07/17 07:18	07/18/17 09:18	205-99-2	H2
Benzo(g,h,i)perylene	128	ug/kg	15.0	4.5	2	07/07/17 07:18	07/18/17 09:18	191-24-2	H2
Benzo(k)fluoranthene	238	ug/kg	18.6	5.6	2	07/07/17 07:18	07/18/17 09:18	207-08-9	H2
Chrysene	476	ug/kg	24.9	7.5	2	07/07/17 07:18	07/18/17 09:18	218-01-9	H2
Dibenz(a,h)anthracene	50.3	ug/kg	16.5	5.0	2	07/07/17 07:18	07/18/17 09:18	53-70-3	H2
Fluoranthene	922	ug/kg	38.6	11.6	2	07/07/17 07:18	07/18/17 09:18	206-44-0	H2
Fluorene	112	ug/kg	30.6	9.2	2	07/07/17 07:18	07/18/17 09:18	86-73-7	H2
Indeno(1,2,3-cd)pyrene	134	ug/kg	16.3	4.9	2	07/07/17 07:18	07/18/17 09:18	193-39-5	H2
1-Methylnaphthalene	42.4	ug/kg	29.8	8.9	2	07/07/17 07:18	07/18/17 09:18	90-12-0	H2
2-Methylnaphthalene	45.5	ug/kg	37.1	11.1	2	07/07/17 07:18	07/18/17 09:18	91-57-6	H2
Naphthalene	64.2	ug/kg	62.4	18.7	2	07/07/17 07:18	07/18/17 09:18	91-20-3	1q,H2
Phenanthrene	879	ug/kg	86.2	25.9	2	07/07/17 07:18	07/18/17 09:18	85-01-8	H2
Pyrene	791	ug/kg	33.3	10.0	2	07/07/17 07:18	07/18/17 09:18	129-00-0	H2
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	55	%	19-96		2	07/07/17 07:18	07/18/17 09:18	321-60-8	
Terphenyl-d14 (S)	53	%	31-98		2	07/07/17 07:18	07/18/17 09:18	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 19:03	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 19:03	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 19:03	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 19:03	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

Sample: B-2B 2-4 Lab ID: 40152264004 Collected: 06/22/17 09:30 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 19:03	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 19:03	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:03	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 19:03	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	120	%	68-130		1	06/28/17 07:30	06/28/17 19:03	1868-53-7	
Toluene-d8 (S)	110	%	68-149		1	06/28/17 07:30	06/28/17 19:03	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	06/28/17 07:30	06/28/17 19:03	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.0	%	0.10	0.10	1		06/24/17 10:55		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

Sample: B-2B 4-6 Lab ID: 40152264005 Collected: 06/22/17 09:35 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.3	ug/kg	14.4	4.3	1	06/29/17 07:17	06/30/17 15:55	83-32-9	
Acenaphthylene	<3.7	ug/kg	12.3	3.7	1	06/29/17 07:17	06/30/17 15:55	208-96-8	
Anthracene	<6.4	ug/kg	21.2	6.4	1	06/29/17 07:17	06/30/17 15:55	120-12-7	
Benzo(a)anthracene	18.3	ug/kg	11.8	3.5	1	06/29/17 07:17	06/30/17 15:55	56-55-3	
Benzo(a)pyrene	19.1	ug/kg	9.3	2.8	1	06/29/17 07:17	06/30/17 15:55	50-32-8	
Benzo(b)fluoranthene	23.4	ug/kg	10.5	3.2	1	06/29/17 07:17	06/30/17 15:55	205-99-2	
Benzo(g,h,i)perylene	5.4J	ug/kg	7.6	2.3	1	06/29/17 07:17	06/30/17 15:55	191-24-2	
Benzo(k)fluoranthene	11.1	ug/kg	9.3	2.8	1	06/29/17 07:17	06/30/17 15:55	207-08-9	
Chrysene	17.1	ug/kg	12.5	3.8	1	06/29/17 07:17	06/30/17 15:55	218-01-9	
Dibenz(a,h)anthracene	<2.5	ug/kg	8.3	2.5	1	06/29/17 07:17	06/30/17 15:55	53-70-3	
Fluoranthene	11.5J	ug/kg	19.4	5.8	1	06/29/17 07:17	06/30/17 15:55	206-44-0	
Fluorene	<4.6	ug/kg	15.4	4.6	1	06/29/17 07:17	06/30/17 15:55	86-73-7	
Indeno(1,2,3-cd)pyrene	6.4J	ug/kg	8.2	2.5	1	06/29/17 07:17	06/30/17 15:55	193-39-5	
1-Methylnaphthalene	<4.5	ug/kg	15.0	4.5	1	06/29/17 07:17	06/30/17 15:55	90-12-0	
2-Methylnaphthalene	<5.6	ug/kg	18.6	5.6	1	06/29/17 07:17	06/30/17 15:55	91-57-6	
Naphthalene	<9.4	ug/kg	31.4	9.4	1	06/29/17 07:17	06/30/17 15:55	91-20-3	
Phenanthrene	<13.0	ug/kg	43.3	13.0	1	06/29/17 07:17	06/30/17 15:55	85-01-8	
Pyrene	11.4J	ug/kg	16.8	5.0	1	06/29/17 07:17	06/30/17 15:55	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	56	%	19-96		1	06/29/17 07:17	06/30/17 15:55	321-60-8	
Terphenyl-d14 (S)	57	%	31-98		1	06/29/17 07:17	06/30/17 15:55	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 19:26	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 19:26	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 19:26	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 19:26	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	541-73-1	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

Sample: B-2B 4-6 Lab ID: 40152264005 Collected: 06/22/17 09:35 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 19:26	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 19:26	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:26	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 19:26	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	68-130		1	06/28/17 07:30	06/28/17 19:26	1868-53-7	
Toluene-d8 (S)	113	%	68-149		1	06/28/17 07:30	06/28/17 19:26	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	06/28/17 07:30	06/28/17 19:26	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.6	%	0.10	0.10	1		06/24/17 10:55		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2B 6-8**      **Lab ID: 40152264006**      Collected: 06/22/17 09:40      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<4.3	ug/kg	14.3	4.3	1	06/29/17 08:43	06/30/17 17:39	83-32-9	
Acenaphthylene	<3.7	ug/kg	12.2	3.7	1	06/29/17 08:43	06/30/17 17:39	208-96-8	
Anthracene	<6.3	ug/kg	21.1	6.3	1	06/29/17 08:43	06/30/17 17:39	120-12-7	
Benzo(a)anthracene	<b>6.8J</b>	ug/kg	11.8	3.5	1	06/29/17 08:43	06/30/17 17:39	56-55-3	
Benzo(a)pyrene	<b>5.4J</b>	ug/kg	9.3	2.8	1	06/29/17 08:43	06/30/17 17:39	50-32-8	
Benzo(b)fluoranthene	<b>8.8J</b>	ug/kg	10.5	3.1	1	06/29/17 08:43	06/30/17 17:39	205-99-2	
Benzo(g,h,i)perylene	<b>3.0J</b>	ug/kg	7.5	2.3	1	06/29/17 08:43	06/30/17 17:39	191-24-2	
Benzo(k)fluoranthene	<b>3.5J</b>	ug/kg	9.3	2.8	1	06/29/17 08:43	06/30/17 17:39	207-08-9	
Chrysene	<b>9.3J</b>	ug/kg	12.4	3.7	1	06/29/17 08:43	06/30/17 17:39	218-01-9	
Dibenz(a,h)anthracene	<2.5	ug/kg	8.3	2.5	1	06/29/17 08:43	06/30/17 17:39	53-70-3	
Fluoranthene	<b>8.5J</b>	ug/kg	19.3	5.8	1	06/29/17 08:43	06/30/17 17:39	206-44-0	
Fluorene	<4.6	ug/kg	15.3	4.6	1	06/29/17 08:43	06/30/17 17:39	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>2.5J</b>	ug/kg	8.1	2.4	1	06/29/17 08:43	06/30/17 17:39	193-39-5	
1-Methylnaphthalene	<4.5	ug/kg	14.9	4.5	1	06/29/17 08:43	06/30/17 17:39	90-12-0	
2-Methylnaphthalene	<5.6	ug/kg	18.6	5.6	1	06/29/17 08:43	06/30/17 17:39	91-57-6	
Naphthalene	<9.4	ug/kg	31.2	9.4	1	06/29/17 08:43	06/30/17 17:39	91-20-3	
Phenanthrene	<12.9	ug/kg	43.1	12.9	1	06/29/17 08:43	06/30/17 17:39	85-01-8	
Pyrene	<b>7.2J</b>	ug/kg	16.7	5.0	1	06/29/17 08:43	06/30/17 17:39	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	19-96		1	06/29/17 08:43	06/30/17 17:39	321-60-8	
Terphenyl-d14 (S)	66	%	31-98		1	06/29/17 08:43	06/30/17 17:39	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 19:49	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 19:49	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 19:49	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 19:49	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2B 6-8**      **Lab ID: 40152264006**      Collected: 06/22/17 09:40      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 19:49	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 19:49	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 19:49	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 19:49	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	68-130		1	06/28/17 07:30	06/28/17 19:49	1868-53-7	
Toluene-d8 (S)	109	%	68-149		1	06/28/17 07:30	06/28/17 19:49	2037-26-5	
4-Bromofluorobenzene (S)	98	%	58-141		1	06/28/17 07:30	06/28/17 19:49	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture      **9.9**      %      0.10      0.10      1      06/24/17 10:55

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

Sample: B-2C 2-4 Lab ID: 40152264007 Collected: 06/22/17 08:30 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.3	mg/kg	5.1	1.1	1	06/26/17 14:35	06/27/17 18:58	7440-38-2	
Lead	35.9	mg/kg	1.3	0.44	1	06/26/17 14:35	06/27/17 18:58	7439-92-1	
Selenium	<1.1	mg/kg	5.1	1.1	1	06/26/17 14:35	06/27/17 18:58	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	375	ug/kg	70.0	21.1	5	06/29/17 08:43	07/04/17 02:20	83-32-9	
Acenaphthylene	45.3J	ug/kg	59.7	17.9	5	06/29/17 08:43	07/04/17 02:20	208-96-8	
Anthracene	221	ug/kg	103	31.0	5	06/29/17 08:43	07/04/17 02:20	120-12-7	
Benzo(a)anthracene	559	ug/kg	57.5	17.2	5	06/29/17 08:43	07/04/17 02:20	56-55-3	
Benzo(a)pyrene	700	ug/kg	45.4	13.6	5	06/29/17 08:43	07/04/17 02:20	50-32-8	
Benzo(b)fluoranthene	863	ug/kg	51.1	15.3	5	06/29/17 08:43	07/04/17 02:20	205-99-2	
Benzo(g,h,i)perylene	447	ug/kg	36.7	11.0	5	06/29/17 08:43	07/04/17 02:20	191-24-2	
Benzo(k)fluoranthene	376	ug/kg	45.4	13.6	5	06/29/17 08:43	07/04/17 02:20	207-08-9	
Chrysene	602	ug/kg	60.8	18.3	5	06/29/17 08:43	07/04/17 02:20	218-01-9	
Dibenz(a,h)anthracene	113	ug/kg	40.4	12.1	5	06/29/17 08:43	07/04/17 02:20	53-70-3	
Fluoranthene	1380	ug/kg	94.4	28.3	5	06/29/17 08:43	07/04/17 02:20	206-44-0	
Fluorene	121	ug/kg	74.9	22.5	5	06/29/17 08:43	07/04/17 02:20	86-73-7	
Indeno(1,2,3-cd)pyrene	400	ug/kg	39.8	11.9	5	06/29/17 08:43	07/04/17 02:20	193-39-5	
1-Methylnaphthalene	296	ug/kg	72.7	21.8	5	06/29/17 08:43	07/04/17 02:20	90-12-0	
2-Methylnaphthalene	387	ug/kg	90.6	27.1	5	06/29/17 08:43	07/04/17 02:20	91-57-6	
Naphthalene	672	ug/kg	152	45.7	5	06/29/17 08:43	07/04/17 02:20	91-20-3	
Phenanthrene	633	ug/kg	211	63.2	5	06/29/17 08:43	07/04/17 02:20	85-01-8	
Pyrene	1090	ug/kg	81.4	24.5	5	06/29/17 08:43	07/04/17 02:20	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	19-96		5	06/29/17 08:43	07/04/17 02:20	321-60-8	
Terphenyl-d14 (S)	53	%	31-98		5	06/29/17 08:43	07/04/17 02:20	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	295	ug/kg	65.1	27.1	1	06/28/17 07:30	06/28/17 20:13	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 20:13	74-83-9	W
n-Butylbenzene	39.1J	ug/kg	65.1	27.1	1	06/28/17 07:30	06/28/17 20:13	104-51-8	
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 20:13	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 20:13	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 20:13	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

Sample: B-2C 2-4 Lab ID: 40152264007 Collected: 06/22/17 08:30 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	108-20-3	W
Ethylbenzene	86.0	ug/kg	65.1	27.1	1	06/28/17 07:30	06/28/17 20:13	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	1634-04-4	W
Naphthalene	422	ug/kg	271	43.4	1	06/28/17 07:30	06/28/17 20:13	91-20-3	
n-Propylbenzene	59.4J	ug/kg	65.1	27.1	1	06/28/17 07:30	06/28/17 20:13	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	127-18-4	W
Toluene	86.6	ug/kg	65.1	27.1	1	06/28/17 07:30	06/28/17 20:13	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 20:13	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	96-18-4	W
1,2,4-Trimethylbenzene	99.1	ug/kg	65.1	27.1	1	06/28/17 07:30	06/28/17 20:13	95-63-6	
1,3,5-Trimethylbenzene	37.1J	ug/kg	65.1	27.1	1	06/28/17 07:30	06/28/17 20:13	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:13	75-01-4	W
Xylene (Total)	228	ug/kg	195	81.3	1	06/28/17 07:30	06/28/17 20:13	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	119	%	68-130		1	06/28/17 07:30	06/28/17 20:13	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

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**Sample: B-2C 2-4**      **Lab ID: 40152264007**    Collected: 06/22/17 08:30    Received: 06/23/17 13:51    Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	119	%	68-149		1	06/28/17 07:30	06/28/17 20:13	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	06/28/17 07:30	06/28/17 20:13	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>7.8</b>	%	0.10	0.10	1		06/24/17 10:55		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2C 4-6**      **Lab ID: 40152264008**      Collected: 06/22/17 08:35      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.3	mg/kg	4.7	0.98	1	06/26/17 14:35	06/27/17 19:01	7440-38-2	
Lead	38.4	mg/kg	1.2	0.40	1	06/26/17 14:35	06/27/17 19:01	7439-92-1	
Selenium	<1.0	mg/kg	4.7	1.0	1	06/26/17 14:35	06/27/17 19:01	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	729	ug/kg	276	83.2	20	06/29/17 08:43	06/30/17 17:04	83-32-9	
Acenaphthylene	252	ug/kg	236	70.6	20	06/29/17 08:43	06/30/17 17:04	208-96-8	
Anthracene	1670	ug/kg	407	122	20	06/29/17 08:43	06/30/17 17:04	120-12-7	
Benzo(a)anthracene	2130	ug/kg	227	67.9	20	06/29/17 08:43	06/30/17 17:04	56-55-3	
Benzo(a)pyrene	1710	ug/kg	179	53.8	20	06/29/17 08:43	06/30/17 17:04	50-32-8	
Benzo(b)fluoranthene	1940	ug/kg	202	60.5	20	06/29/17 08:43	06/30/17 17:04	205-99-2	
Benzo(g,h,i)perylene	514	ug/kg	145	43.5	20	06/29/17 08:43	06/30/17 17:04	191-24-2	
Benzo(k)fluoranthene	927	ug/kg	179	53.8	20	06/29/17 08:43	06/30/17 17:04	207-08-9	
Chrysene	2020	ug/kg	240	72.3	20	06/29/17 08:43	06/30/17 17:04	218-01-9	
Dibenz(a,h)anthracene	225	ug/kg	160	47.9	20	06/29/17 08:43	06/30/17 17:04	53-70-3	
Fluoranthene	4180	ug/kg	373	112	20	06/29/17 08:43	06/30/17 17:04	206-44-0	
Fluorene	936	ug/kg	296	88.7	20	06/29/17 08:43	06/30/17 17:04	86-73-7	
Indeno(1,2,3-cd)pyrene	570	ug/kg	157	47.1	20	06/29/17 08:43	06/30/17 17:04	193-39-5	
1-Methylnaphthalene	382	ug/kg	287	86.2	20	06/29/17 08:43	06/30/17 17:04	90-12-0	
2-Methylnaphthalene	468	ug/kg	358	107	20	06/29/17 08:43	06/30/17 17:04	91-57-6	
Naphthalene	660	ug/kg	602	180	20	06/29/17 08:43	06/30/17 17:04	91-20-3	
Phenanthrene	5050	ug/kg	831	250	20	06/29/17 08:43	06/30/17 17:04	85-01-8	
Pyrene	3830	ug/kg	321	96.7	20	06/29/17 08:43	06/30/17 17:04	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	19-96		20	06/29/17 08:43	06/30/17 17:04	321-60-8	
Terphenyl-d14 (S)	66	%	31-98		20	06/29/17 08:43	06/30/17 17:04	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	417	ug/kg	64.3	26.8	1	06/28/17 07:30	06/28/17 20:36	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	75-25-2	L2,W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 20:36	74-83-9	W
n-Butylbenzene	38.7J	ug/kg	64.3	26.8	1	06/28/17 07:30	06/28/17 20:36	104-51-8	
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 20:36	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 20:36	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 20:36	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

Sample: B-2C 4-6 Lab ID: 40152264008 Collected: 06/22/17 08:35 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	108-20-3	W
Ethylbenzene	76.3	ug/kg	64.3	26.8	1	06/28/17 07:30	06/28/17 20:36	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	1634-04-4	W
Naphthalene	179J	ug/kg	268	42.9	1	06/28/17 07:30	06/28/17 20:36	91-20-3	
n-Propylbenzene	69.9	ug/kg	64.3	26.8	1	06/28/17 07:30	06/28/17 20:36	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	127-18-4	W
Toluene	51.5J	ug/kg	64.3	26.8	1	06/28/17 07:30	06/28/17 20:36	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 20:36	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	96-18-4	W
1,2,4-Trimethylbenzene	109	ug/kg	64.3	26.8	1	06/28/17 07:30	06/28/17 20:36	95-63-6	
1,3,5-Trimethylbenzene	32.4J	ug/kg	64.3	26.8	1	06/28/17 07:30	06/28/17 20:36	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:36	75-01-4	W
Xylene (Total)	194	ug/kg	193	80.4	1	06/28/17 07:30	06/28/17 20:36	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	125	%	68-130		1	06/28/17 07:30	06/28/17 20:36	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

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**Sample: B-2C 4-6**      **Lab ID: 40152264008**      Collected: 06/22/17 08:35      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	121	%	68-149		1	06/28/17 07:30	06/28/17 20:36	2037-26-5	
4-Bromofluorobenzene (S)	108	%	58-141		1	06/28/17 07:30	06/28/17 20:36	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>6.7</b>	%	0.10	0.10	1		06/24/17 11:12		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2C 6-8**      **Lab ID: 40152264009**      Collected: 06/22/17 08:40      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>4.0J</b>	mg/kg	5.4	1.1	1	06/26/17 14:40	06/27/17 17:41	7440-38-2	
Lead	<b>84.8</b>	mg/kg	1.4	0.47	1	06/26/17 14:40	06/27/17 17:41	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.4	1.2	1	06/26/17 14:40	06/27/17 17:41	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>109</b>	ug/kg	57.6	17.3	4	06/29/17 08:43	07/04/17 18:19	83-32-9	
Acenaphthylene	<b>28.8J</b>	ug/kg	49.1	14.7	4	06/29/17 08:43	07/04/17 18:19	208-96-8	
Anthracene	<b>187</b>	ug/kg	84.8	25.5	4	06/29/17 08:43	07/04/17 18:19	120-12-7	M1,R1
Benzo(a)anthracene	<b>409</b>	ug/kg	47.3	14.2	4	06/29/17 08:43	07/04/17 18:19	56-55-3	M1,R1
Benzo(a)pyrene	<b>395</b>	ug/kg	37.4	11.2	4	06/29/17 08:43	07/04/17 18:19	50-32-8	M1,R1
Benzo(b)fluoranthene	<b>485</b>	ug/kg	42.0	12.6	4	06/29/17 08:43	07/04/17 18:19	205-99-2	M1,R1
Benzo(g,h,i)perylene	<b>316</b>	ug/kg	30.2	9.1	4	06/29/17 08:43	07/04/17 18:19	191-24-2	M1,R1
Benzo(k)fluoranthene	<b>222</b>	ug/kg	37.3	11.2	4	06/29/17 08:43	07/04/17 18:19	207-08-9	
Chrysene	<b>395</b>	ug/kg	50.0	15.1	4	06/29/17 08:43	07/04/17 18:19	218-01-9	M1,R1
Dibenz(a,h)anthracene	<b>72.1</b>	ug/kg	33.3	10	4	06/29/17 08:43	07/04/17 18:19	53-70-3	
Fluoranthene	<b>920</b>	ug/kg	77.7	23.2	4	06/29/17 08:43	07/04/17 18:19	206-44-0	M1,R1
Fluorene	<b>79.0</b>	ug/kg	61.6	18.5	4	06/29/17 08:43	07/04/17 18:19	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>248</b>	ug/kg	32.7	9.8	4	06/29/17 08:43	07/04/17 18:19	193-39-5	R1
1-Methylnaphthalene	<b>87.0</b>	ug/kg	59.8	18.0	4	06/29/17 08:43	07/04/17 18:19	90-12-0	
2-Methylnaphthalene	<b>114</b>	ug/kg	74.6	22.3	4	06/29/17 08:43	07/04/17 18:19	91-57-6	M1
Naphthalene	<b>210</b>	ug/kg	125	37.6	4	06/29/17 08:43	07/04/17 18:19	91-20-3	
Phenanthrene	<b>654</b>	ug/kg	173	52.0	4	06/29/17 08:43	07/04/17 18:19	85-01-8	M1,R1
Pyrene	<b>770</b>	ug/kg	67.0	20.1	4	06/29/17 08:43	07/04/17 18:19	129-00-0	M1,R1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	53	%	19-96		4	06/29/17 08:43	07/04/17 18:19	321-60-8	
Terphenyl-d14 (S)	48	%	31-98		4	06/29/17 08:43	07/04/17 18:19	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	75-25-2	L2,W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/28/17 07:30	06/28/17 20:59	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/28/17 07:30	06/28/17 20:59	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/28/17 07:30	06/28/17 20:59	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/28/17 07:30	06/28/17 20:59	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2C 6-8**      **Lab ID: 40152264009**      Collected: 06/22/17 08:40      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 07:30	06/28/17 20:59	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 07:30	06/28/17 20:59	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 07:30	06/28/17 20:59	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 07:30	06/28/17 20:59	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	85	%	68-130		1	06/28/17 07:30	06/28/17 20:59	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

**Sample: B-2C 6-8**      **Lab ID: 40152264009**      Collected: 06/22/17 08:40      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	81	%	68-149		1	06/28/17 07:30	06/28/17 20:59	2037-26-5	
4-Bromofluorobenzene (S)	76	%	58-141		1	06/28/17 07:30	06/28/17 20:59	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>10.5</b>	%	0.10	0.10	1		06/24/17 11:12		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

QC Batch: 259752 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152264007, 40152264008

METHOD BLANK: 1530228 Matrix: Solid  
Associated Lab Samples: 40152264007, 40152264008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	06/27/17 17:56	
Lead	mg/kg	<0.43	1.3	06/27/17 17:56	
Selenium	mg/kg	<1.1	5.0	06/27/17 17:56	

LABORATORY CONTROL SAMPLE: 1530229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.5	99	80-120	
Lead	mg/kg	50	47.6	95	80-120	
Selenium	mg/kg	50	54.1	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530230 1530231

Parameter	Units	40152219003		MSD		MSD		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Arsenic	mg/kg	3.1J	58.7	58.5	56.5	55.6	91	90	75-125	2	20		
Lead	mg/kg	3.0	58.7	58.5	54.8	55.1	88	89	75-125	1	20		
Selenium	mg/kg	<1.3	58.7	58.5	58.5	57.4	100	98	75-125	2	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

QC Batch: 259770	Analysis Method: EPA 6010
QC Batch Method: EPA 3050	Analysis Description: 6010 MET
Associated Lab Samples: 40152264009	

METHOD BLANK: 1530294 Matrix: Solid  
Associated Lab Samples: 40152264009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	06/27/17 16:55	
Lead	mg/kg	<0.43	1.3	06/27/17 16:55	
Selenium	mg/kg	<1.1	5.0	06/27/17 16:55	

LABORATORY CONTROL SAMPLE: 1530295

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.9	98	80-120	
Lead	mg/kg	50	47.1	94	80-120	
Selenium	mg/kg	50	53.4	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530296 1530297

Parameter	Units	40152257005		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	Spike Conc.	Result	MS Result	MSD Result	% Rec	% Rec				
Arsenic	mg/kg	2.4J	53	52.5	53.6	52.3	97	95	75-125	2	20		
Lead	mg/kg	2.8	53	52.5	52.1	49.9	93	90	75-125	4	20		
Selenium	mg/kg	<1.2	53	52.5	54.9	53.5	104	102	75-125	3	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

QC Batch: 260026 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152264001, 40152264002, 40152264003, 40152264004, 40152264005, 40152264006, 40152264007, 40152264008, 40152264009

METHOD BLANK: 1531467 Matrix: Solid  
Associated Lab Samples: 40152264001, 40152264002, 40152264003, 40152264004, 40152264005, 40152264006, 40152264007, 40152264008, 40152264009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/28/17 09:12	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/28/17 09:12	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/28/17 09:12	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/28/17 09:12	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/28/17 09:12	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/28/17 09:12	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/28/17 09:12	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/28/17 09:12	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/28/17 09:12	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/28/17 09:12	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/28/17 09:12	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/28/17 09:12	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/28/17 09:12	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/28/17 09:12	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/28/17 09:12	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/28/17 09:12	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/28/17 09:12	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/28/17 09:12	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/28/17 09:12	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/28/17 09:12	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/28/17 09:12	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/28/17 09:12	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/28/17 09:12	
Benzene	ug/kg	<9.2	20.0	06/28/17 09:12	
Bromobenzene	ug/kg	<20.6	50.0	06/28/17 09:12	
Bromochloromethane	ug/kg	<21.4	50.0	06/28/17 09:12	
Bromodichloromethane	ug/kg	<9.8	50.0	06/28/17 09:12	
Bromoform	ug/kg	<19.8	50.0	06/28/17 09:12	
Bromomethane	ug/kg	<69.9	250	06/28/17 09:12	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/28/17 09:12	
Chlorobenzene	ug/kg	<14.8	50.0	06/28/17 09:12	
Chloroethane	ug/kg	<67.0	250	06/28/17 09:12	
Chloroform	ug/kg	<46.4	250	06/28/17 09:12	
Chloromethane	ug/kg	<20.4	50.0	06/28/17 09:12	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/28/17 09:12	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/28/17 09:12	
Dibromochloromethane	ug/kg	<17.9	50.0	06/28/17 09:12	
Dibromomethane	ug/kg	<19.3	50.0	06/28/17 09:12	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/28/17 09:12	
Diisopropyl ether	ug/kg	<17.7	50.0	06/28/17 09:12	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

METHOD BLANK: 1531467

Matrix: Solid

Associated Lab Samples: 40152264001, 40152264002, 40152264003, 40152264004, 40152264005, 40152264006, 40152264007, 40152264008, 40152264009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	06/28/17 09:12	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	06/28/17 09:12	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/28/17 09:12	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/28/17 09:12	
Methylene Chloride	ug/kg	52.0	50.0	06/28/17 09:12	
n-Butylbenzene	ug/kg	<10.5	50.0	06/28/17 09:12	
n-Propylbenzene	ug/kg	<11.6	50.0	06/28/17 09:12	
Naphthalene	ug/kg	<40.0	250	06/28/17 09:12	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/28/17 09:12	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/28/17 09:12	
Styrene	ug/kg	<9.0	50.0	06/28/17 09:12	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/28/17 09:12	
Tetrachloroethene	ug/kg	<12.9	50.0	06/28/17 09:12	
Toluene	ug/kg	<11.2	50.0	06/28/17 09:12	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/28/17 09:12	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/28/17 09:12	
Trichloroethene	ug/kg	<23.6	50.0	06/28/17 09:12	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/28/17 09:12	
Vinyl chloride	ug/kg	<21.1	50.0	06/28/17 09:12	
Xylene (Total)	ug/kg	<48.4	150	06/28/17 09:12	
4-Bromofluorobenzene (S)	%	91	58-141	06/28/17 09:12	
Dibromofluoromethane (S)	%	97	68-130	06/28/17 09:12	
Toluene-d8 (S)	%	97	68-149	06/28/17 09:12	

LABORATORY CONTROL SAMPLE: 1531468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2230	89	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	1900	76	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2280	91	70-130	
1,1-Dichloroethane	ug/kg	2500	2220	89	63-124	
1,1-Dichloroethene	ug/kg	2500	1880	75	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	1760	71	78-130	L2
1,2-Dibromo-3-chloropropane	ug/kg	2500	1550	62	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2050	82	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2010	81	70-130	
1,2-Dichloroethane	ug/kg	2500	2360	94	56-135	
1,2-Dichloropropane	ug/kg	2500	2160	86	77-122	
1,3-Dichlorobenzene	ug/kg	2500	1990	79	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2090	84	70-130	
Benzene	ug/kg	2500	2200	88	66-130	
Bromodichloromethane	ug/kg	2500	1910	76	62-135	
Bromoform	ug/kg	2500	1660	67	68-130	L2

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

LABORATORY CONTROL SAMPLE: 1531468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	1830	73	29-137	
Carbon tetrachloride	ug/kg	2500	2100	84	57-130	
Chlorobenzene	ug/kg	2500	2260	90	70-130	
Chloroethane	ug/kg	2500	2190	88	36-144	
Chloroform	ug/kg	2500	2200	88	69-115	
Chloromethane	ug/kg	2500	1770	71	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2420	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	1890	75	70-130	
Dibromochloromethane	ug/kg	2500	1830	73	70-130	
Dichlorodifluoromethane	ug/kg	2500	1200	48	10-99	
Ethylbenzene	ug/kg	2500	2060	82	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2150	86	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2290	91	63-134	
Methylene Chloride	ug/kg	2500	2320	93	56-123	
Styrene	ug/kg	2500	2210	88	70-130	
Tetrachloroethene	ug/kg	2500	2360	94	70-131	
Toluene	ug/kg	2500	2160	86	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2350	94	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	1880	75	68-130	
Trichloroethene	ug/kg	2500	2220	89	70-130	
Trichlorofluoromethane	ug/kg	2500	2170	87	37-149	
Vinyl chloride	ug/kg	2500	1830	73	43-128	
Xylene (Total)	ug/kg	7500	6530	87	70-130	
4-Bromofluorobenzene (S)	%			79	58-141	
Dibromofluoromethane (S)	%			91	68-130	
Toluene-d8 (S)	%			83	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1531469 1531470

Parameter	Units	40152263006		MSD		MSD		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
1,1,1-Trichloroethane	ug/kg	<25.0	1410	1410	1250	1280	89	91	57-123	2	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1410	1410	1340	1310	95	93	73-135	2	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1410	1410	1480	1420	105	101	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1410	1410	1330	1370	95	97	63-124	3	20		
1,1-Dichloroethene	ug/kg	<25.0	1410	1410	1130	1130	80	80	48-117	0	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1410	1410	1350	1250	96	89	78-145	8	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1410	1410	995	967	71	69	38-168	3	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1410	1410	1320	1320	93	93	70-130	0	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1410	1410	1390	1380	99	98	70-130	1	20		
1,2-Dichloroethane	ug/kg	<25.0	1410	1410	1410	1510	100	107	56-145	7	20		
1,2-Dichloropropane	ug/kg	<25.0	1410	1410	1380	1300	98	92	77-123	5	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1410	1410	1400	1390	99	98	70-130	1	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1410	1410	1510	1430	107	102	70-130	5	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1531469		1531470		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40152263006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzene	ug/kg	<25.0	1410	1410	1330	1330	95	94	65-130	0	20		
Bromodichloromethane	ug/kg	<25.0	1410	1410	1200	1220	85	87	59-141	2	20		
Bromoform	ug/kg	<25.0	1410	1410	1030	1090	73	77	59-141	5	20		
Bromomethane	ug/kg	<69.9	1410	1410	1060	1050	75	74	28-139	1	20		
Carbon tetrachloride	ug/kg	<25.0	1410	1410	1180	1270	84	90	50-130	7	20		
Chlorobenzene	ug/kg	<25.0	1410	1410	1440	1420	102	101	70-130	1	20		
Chloroethane	ug/kg	<67.0	1410	1410	1210	1320	86	93	36-144	9	20		
Chloroform	ug/kg	<46.4	1410	1410	1370	1430	97	102	68-122	4	20		
Chloromethane	ug/kg	<25.0	1410	1410	900	949	64	67	30-126	5	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1410	1410	1300	1390	92	99	63-130	7	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1410	1410	1240	1120	88	79	70-130	10	20		
Dibromochloromethane	ug/kg	<25.0	1410	1410	1250	1060	89	75	66-136	17	20		
Dichlorodifluoromethane	ug/kg	<25.0	1410	1410	569	506	40	36	10-99	12	33		
Ethylbenzene	ug/kg	<25.0	1410	1410	1330	1260	95	90	80-122	5	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1410	1410	1360	1240	96	88	70-130	9	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1410	1410	1410	1460	100	104	63-134	4	20		
Methylene Chloride	ug/kg	<25.0	1410	1410	1260	1280	90	91	56-127	1	20		
Styrene	ug/kg	<25.0	1410	1410	1400	1400	99	99	70-130	0	20		
Tetrachloroethene	ug/kg	<25.0	1410	1410	1430	1350	101	96	70-131	6	20		
Toluene	ug/kg	<25.0	1410	1410	1420	1350	101	96	80-120	5	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1410	1410	1440	1390	102	99	60-130	3	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1410	1410	1210	1060	86	75	68-130	13	20		
Trichloroethene	ug/kg	<25.0	1410	1410	1400	1320	100	94	70-130	6	20		
Trichlorofluoromethane	ug/kg	<25.0	1410	1410	1370	1220	97	86	37-149	12	24		
Vinyl chloride	ug/kg	<25.0	1410	1410	987	991	70	70	39-128	0	20		
Xylene (Total)	ug/kg	<75.0	4230	4230	4080	3900	97	92	70-130	5	20		
4-Bromofluorobenzene (S)	%						93	93	58-141				
Dibromofluoromethane (S)	%						100	109	68-130				
Toluene-d8 (S)	%						99	102	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

QC Batch: 259962 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152264001, 40152264002, 40152264003

METHOD BLANK: 1531115 Matrix: Solid  
Associated Lab Samples: 40152264001, 40152264002, 40152264003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	06/28/17 16:34	
2-Methylnaphthalene	ug/kg	<5.0	16.7	06/28/17 16:34	
Acenaphthene	ug/kg	<3.9	12.9	06/28/17 16:34	
Acenaphthylene	ug/kg	<3.3	11.0	06/28/17 16:34	
Anthracene	ug/kg	<5.7	19.0	06/28/17 16:34	
Benzo(a)anthracene	ug/kg	<3.2	10.6	06/28/17 16:34	
Benzo(a)pyrene	ug/kg	<2.5	8.4	06/28/17 16:34	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	06/28/17 16:34	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	06/28/17 16:34	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	06/28/17 16:34	
Chrysene	ug/kg	<3.4	11.2	06/28/17 16:34	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	06/28/17 16:34	
Fluoranthene	ug/kg	<5.2	17.4	06/28/17 16:34	
Fluorene	ug/kg	<4.1	13.8	06/28/17 16:34	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	06/28/17 16:34	
Naphthalene	ug/kg	<8.4	28.1	06/28/17 16:34	
Phenanthrene	ug/kg	<11.6	38.8	06/28/17 16:34	
Pyrene	ug/kg	<4.5	15.0	06/28/17 16:34	
2-Fluorobiphenyl (S)	%	63	19-96	06/28/17 16:34	
Terphenyl-d14 (S)	%	72	31-98	06/28/17 16:34	

LABORATORY CONTROL SAMPLE: 1531116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	223	67	49-102	
2-Methylnaphthalene	ug/kg	333	231	69	47-91	
Acenaphthene	ug/kg	333	249	75	52-97	
Acenaphthylene	ug/kg	333	240	72	49-97	
Anthracene	ug/kg	333	248	75	62-101	
Benzo(a)anthracene	ug/kg	333	221	66	53-95	
Benzo(a)pyrene	ug/kg	333	249	75	57-108	
Benzo(b)fluoranthene	ug/kg	333	240	72	53-113	
Benzo(g,h,i)perylene	ug/kg	333	215	65	43-114	
Benzo(k)fluoranthene	ug/kg	333	261	78	66-116	
Chrysene	ug/kg	333	241	72	64-109	
Dibenz(a,h)anthracene	ug/kg	333	241	72	50-105	
Fluoranthene	ug/kg	333	248	74	58-107	
Fluorene	ug/kg	333	247	74	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	333	233	70	51-113	
Naphthalene	ug/kg	333	219	66	50-91	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

LABORATORY CONTROL SAMPLE: 1531116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	246	74	57-101	
Pyrene	ug/kg	333	226	68	50-102	
2-Fluorobiphenyl (S)	%			69	19-96	
Terphenyl-d14 (S)	%			69	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1531117 1531118

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		40152229009	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1-Methylnaphthalene	ug/kg	<16.8	417	417	302	300	72	72	37-102	1	29		
2-Methylnaphthalene	ug/kg	<20.9	417	417	299	297	72	71	44-91	1	36		
Acenaphthene	ug/kg	<16.2	417	417	324	324	78	78	46-97	0	26		
Acenaphthylene	ug/kg	<13.8	417	417	319	319	76	76	47-97	0	29		
Anthracene	ug/kg	<23.8	417	417	333	335	80	80	50-101	1	28		
Benzo(a)anthracene	ug/kg	<13.3	417	417	305	306	73	73	48-95	0	28		
Benzo(a)pyrene	ug/kg	<10.5	417	417	341	351	82	84	47-108	3	36		
Benzo(b)fluoranthene	ug/kg	<11.8	417	417	345	347	83	83	42-113	1	34		
Benzo(g,h,i)perylene	ug/kg	<8.5	417	417	300	285	72	68	18-114	5	30		
Benzo(k)fluoranthene	ug/kg	<10.5	417	417	355	374	85	90	50-116	5	27		
Chrysene	ug/kg	<14.0	417	417	324	329	78	79	55-109	1	28		
Dibenz(a,h)anthracene	ug/kg	<9.3	417	417	332	329	79	79	39-105	1	29		
Fluoranthene	ug/kg	<21.8	417	417	320	326	77	78	41-107	2	28		
Fluorene	ug/kg	<17.3	417	417	320	322	77	77	48-99	0	28		
Indeno(1,2,3-cd)pyrene	ug/kg	<9.2	417	417	311	307	75	74	27-113	1	30		
Naphthalene	ug/kg	<35.2	417	417	299	297	72	71	40-91	1	37		
Phenanthrene	ug/kg	<48.7	417	417	321	324	77	78	46-101	1	40		
Pyrene	ug/kg	<18.8	417	417	322	326	77	78	50-102	1	31		
2-Fluorobiphenyl (S)	%						61	60	19-96				
Terphenyl-d14 (S)	%						72	71	31-98				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

QC Batch: 260090 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152264005

METHOD BLANK: 1532257 Matrix: Solid  
Associated Lab Samples: 40152264005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	06/30/17 09:17	
2-Methylnaphthalene	ug/kg	<5.0	16.7	06/30/17 09:17	
Acenaphthene	ug/kg	<3.9	12.9	06/30/17 09:17	
Acenaphthylene	ug/kg	<3.3	11.0	06/30/17 09:17	
Anthracene	ug/kg	<5.7	19.0	06/30/17 09:17	
Benzo(a)anthracene	ug/kg	<3.2	10.6	06/30/17 09:17	
Benzo(a)pyrene	ug/kg	<2.5	8.4	06/30/17 09:17	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	06/30/17 09:17	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	06/30/17 09:17	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	06/30/17 09:17	
Chrysene	ug/kg	<3.4	11.2	06/30/17 09:17	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	06/30/17 09:17	
Fluoranthene	ug/kg	<5.2	17.4	06/30/17 09:17	
Fluorene	ug/kg	<4.1	13.8	06/30/17 09:17	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	06/30/17 09:17	
Naphthalene	ug/kg	<8.4	28.1	06/30/17 09:17	
Phenanthrene	ug/kg	<11.7	38.9	06/30/17 09:17	
Pyrene	ug/kg	<4.5	15.0	06/30/17 09:17	
2-Fluorobiphenyl (S)	%	56	19-96	06/30/17 09:17	
Terphenyl-d14 (S)	%	69	31-98	06/30/17 09:17	

LABORATORY CONTROL SAMPLE: 1532258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	203	61	49-102	
2-Methylnaphthalene	ug/kg	334	202	60	47-91	
Acenaphthene	ug/kg	334	235	70	52-97	
Acenaphthylene	ug/kg	334	229	69	49-97	
Anthracene	ug/kg	334	241	72	62-101	
Benzo(a)anthracene	ug/kg	334	218	65	53-95	
Benzo(a)pyrene	ug/kg	334	250	75	57-108	
Benzo(b)fluoranthene	ug/kg	334	250	75	53-113	
Benzo(g,h,i)perylene	ug/kg	334	242	72	43-114	
Benzo(k)fluoranthene	ug/kg	334	260	78	66-116	
Chrysene	ug/kg	334	238	71	64-109	
Dibenz(a,h)anthracene	ug/kg	334	244	73	50-105	
Fluoranthene	ug/kg	334	234	70	58-107	
Fluorene	ug/kg	334	234	70	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	334	239	71	51-113	
Naphthalene	ug/kg	334	206	62	50-91	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

LABORATORY CONTROL SAMPLE: 1532258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	334	236	71	57-101	
Pyrene	ug/kg	334	233	70	50-102	
2-Fluorobiphenyl (S)	%			62	19-96	
Terphenyl-d14 (S)	%			72	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532259 1532260

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152261006 Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/kg	<4.5	375	376	376	214	194	57	51	37-102	10	29	
2-Methylnaphthalene	ug/kg	<5.6	375	376	376	214	194	57	52	44-91	10	36	
Acenaphthene	ug/kg	<4.4	375	376	376	247	247	66	66	46-97	0	26	
Acenaphthylene	ug/kg	<3.7	375	376	376	240	239	64	64	47-97	0	29	
Anthracene	ug/kg	<6.4	375	376	376	234	246	62	66	50-101	5	28	
Benzo(a)anthracene	ug/kg	<3.6	375	376	376	220	229	59	61	48-95	4	28	
Benzo(a)pyrene	ug/kg	<2.8	375	376	376	231	247	61	65	47-108	7	36	
Benzo(b)fluoranthene	ug/kg	<3.2	375	376	376	233	261	62	69	42-113	11	34	
Benzo(g,h,i)perylene	ug/kg	<2.3	375	376	376	152	148	40	39	18-114	2	30	
Benzo(k)fluoranthene	ug/kg	<2.8	375	376	376	247	256	66	68	50-116	3	27	
Chrysene	ug/kg	<3.8	375	376	376	219	233	58	62	55-109	6	28	
Dibenz(a,h)anthracene	ug/kg	<2.5	375	376	376	198	205	53	54	39-105	3	29	
Fluoranthene	ug/kg	<5.9	375	376	376	222	236	59	63	41-107	6	28	
Fluorene	ug/kg	<4.7	375	376	376	236	243	63	65	48-99	3	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.5	375	376	376	180	184	48	49	27-113	2	30	
Naphthalene	ug/kg	<9.5	375	376	376	238	209	63	56	40-91	13	37	
Phenanthrene	ug/kg	<13.1	375	376	376	228	241	60	64	46-101	6	40	
Pyrene	ug/kg	<5.1	375	376	376	222	232	59	61	50-102	4	31	
2-Fluorobiphenyl (S)	%							58	55	19-96			
Terphenyl-d14 (S)	%							60	63	31-98			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

QC Batch: 260092 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152264006, 40152264007, 40152264008, 40152264009

METHOD BLANK: 1532265 Matrix: Solid  
Associated Lab Samples: 40152264006, 40152264007, 40152264008, 40152264009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	06/30/17 09:52	
2-Methylnaphthalene	ug/kg	<5.0	16.7	06/30/17 09:52	
Acenaphthene	ug/kg	<3.9	12.9	06/30/17 09:52	
Acenaphthylene	ug/kg	<3.3	11.0	06/30/17 09:52	
Anthracene	ug/kg	<5.7	19.0	06/30/17 09:52	
Benzo(a)anthracene	ug/kg	<3.2	10.6	06/30/17 09:52	
Benzo(a)pyrene	ug/kg	<2.5	8.4	06/30/17 09:52	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	06/30/17 09:52	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	06/30/17 09:52	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	06/30/17 09:52	
Chrysene	ug/kg	<3.4	11.2	06/30/17 09:52	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	06/30/17 09:52	
Fluoranthene	ug/kg	<5.2	17.4	06/30/17 09:52	
Fluorene	ug/kg	<4.1	13.8	06/30/17 09:52	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	06/30/17 09:52	
Naphthalene	ug/kg	<8.4	28.1	06/30/17 09:52	
Phenanthrene	ug/kg	<11.7	38.9	06/30/17 09:52	
Pyrene	ug/kg	<4.5	15.0	06/30/17 09:52	
2-Fluorobiphenyl (S)	%	67	19-96	06/30/17 09:52	
Terphenyl-d14 (S)	%	84	31-98	06/30/17 09:52	

LABORATORY CONTROL SAMPLE: 1532266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	241	72	49-102	
2-Methylnaphthalene	ug/kg	333	237	71	47-91	
Acenaphthene	ug/kg	333	264	79	52-97	
Acenaphthylene	ug/kg	333	260	78	49-97	
Anthracene	ug/kg	333	274	82	62-101	
Benzo(a)anthracene	ug/kg	333	249	75	53-95	
Benzo(a)pyrene	ug/kg	333	286	86	57-108	
Benzo(b)fluoranthene	ug/kg	333	286	86	53-113	
Benzo(g,h,i)perylene	ug/kg	333	274	82	43-114	
Benzo(k)fluoranthene	ug/kg	333	295	89	66-116	
Chrysene	ug/kg	333	268	81	64-109	
Dibenz(a,h)anthracene	ug/kg	333	278	84	50-105	
Fluoranthene	ug/kg	333	265	80	58-107	
Fluorene	ug/kg	333	264	79	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	333	271	81	51-113	
Naphthalene	ug/kg	333	237	71	50-91	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

LABORATORY CONTROL SAMPLE: 1532266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	266	80	57-101	
Pyrene	ug/kg	333	266	80	50-102	
2-Fluorobiphenyl (S)	%			69	19-96	
Terphenyl-d14 (S)	%			80	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532267 1532268

Parameter	Units	1532267		1532268		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
1-Methylnaphthalene	ug/kg	87.0	373	373	270	263	49	47	37-102	3	29	
2-Methylnaphthalene	ug/kg	114	373	373	277	275	44	43	44-91	1	36	M1
Acenaphthene	ug/kg	109	373	373	347	306	64	53	46-97	13	26	
Acenaphthylene	ug/kg	28.8J	373	373	226	240	53	57	47-97	6	29	
Anthracene	ug/kg	187	373	373	540	363	95	47	50-101	39	28	M1,R1
Benzo(a)anthracene	ug/kg	409	373	373	911	582	135	46	48-95	44	28	M1,R1
Benzo(a)pyrene	ug/kg	395	373	373	915	595	140	54	47-108	42	36	M1,R1
Benzo(b)fluoranthene	ug/kg	485	373	373	1120	664	171	48	42-113	51	34	M1,R1
Benzo(g,h,i)perylene	ug/kg	316	373	373	764	548	120	62	18-114	33	30	M1,R1
Benzo(k)fluoranthene	ug/kg	222	373	373	511	420	77	53	50-116	20	27	
Chrysene	ug/kg	395	373	373	850	564	122	46	55-109	40	28	M1,R1
Dibenz(a,h)anthracene	ug/kg	72.1	373	373	314	258	65	50	39-105	19	29	
Fluoranthene	ug/kg	920	373	373	1790	1050	234	35	41-107	52	28	M1,R1
Fluorene	ug/kg	79.0	373	373	339	277	70	53	48-99	20	28	
Indeno(1,2,3-cd)pyrene	ug/kg	248	373	373	631	453	103	55	27-113	33	30	R1
Naphthalene	ug/kg	210	373	373	393	362	49	41	40-91	8	37	
Phenanthrene	ug/kg	654	373	373	1360	757	190	28	46-101	57	40	M1,R1
Pyrene	ug/kg	770	373	373	1360	871	158	27	50-102	44	31	M1,R1
2-Fluorobiphenyl (S)	%						46	52	19-96			
Terphenyl-d14 (S)	%						41	48	31-98			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

QC Batch: 260822 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152264004

METHOD BLANK: 1536144 Matrix: Solid  
Associated Lab Samples: 40152264004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/07/17 15:37	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/07/17 15:37	
Acenaphthene	ug/kg	<3.9	12.9	07/07/17 15:37	
Acenaphthylene	ug/kg	<3.3	11.0	07/07/17 15:37	
Anthracene	ug/kg	<5.7	19.0	07/07/17 15:37	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/07/17 15:37	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/07/17 15:37	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/07/17 15:37	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/07/17 15:37	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	07/07/17 15:37	
Chrysene	ug/kg	<3.4	11.2	07/07/17 15:37	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	07/07/17 15:37	
Fluoranthene	ug/kg	<5.2	17.4	07/07/17 15:37	
Fluorene	ug/kg	<4.1	13.8	07/07/17 15:37	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/07/17 15:37	
Naphthalene	ug/kg	<8.4	28.1	07/07/17 15:37	
Phenanthrene	ug/kg	<11.7	38.8	07/07/17 15:37	
Pyrene	ug/kg	<4.5	15.0	07/07/17 15:37	
2-Fluorobiphenyl (S)	%	63	19-96	07/07/17 15:37	
Terphenyl-d14 (S)	%	77	31-98	07/07/17 15:37	

LABORATORY CONTROL SAMPLE: 1536145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	250	75	49-102	
2-Methylnaphthalene	ug/kg	333	246	74	47-91	
Acenaphthene	ug/kg	333	263	79	52-97	
Acenaphthylene	ug/kg	333	256	77	49-97	
Anthracene	ug/kg	333	269	81	62-101	
Benzo(a)anthracene	ug/kg	333	239	72	53-95	
Benzo(a)pyrene	ug/kg	333	274	82	57-108	
Benzo(b)fluoranthene	ug/kg	333	288	86	53-113	
Benzo(g,h,i)perylene	ug/kg	333	217	65	43-114	
Benzo(k)fluoranthene	ug/kg	333	301	90	66-116	
Chrysene	ug/kg	333	265	80	64-109	
Dibenz(a,h)anthracene	ug/kg	333	244	73	50-105	
Fluoranthene	ug/kg	333	257	77	58-107	
Fluorene	ug/kg	333	256	77	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	333	230	69	51-113	
Naphthalene	ug/kg	333	249	75	50-91	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

LABORATORY CONTROL SAMPLE: 1536145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	252	76	57-101	
Pyrene	ug/kg	333	250	75	50-102	
2-Fluorobiphenyl (S)	%			72	19-96	
Terphenyl-d14 (S)	%			79	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1536146 1536147

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40152507006 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/kg	<4.3	355	356	279	249	78	70	37-102	12	29	
2-Methylnaphthalene	ug/kg	<5.3	355	356	275	244	77	69	44-91	12	36	
Acenaphthene	ug/kg	<4.1	355	356	295	258	83	72	46-97	13	26	
Acenaphthylene	ug/kg	<3.5	355	356	288	255	81	72	47-97	12	29	
Anthracene	ug/kg	<6.1	355	356	301	265	85	74	50-101	13	28	
Benzo(a)anthracene	ug/kg	<3.4	355	356	277	242	77	68	48-95	13	28	
Benzo(a)pyrene	ug/kg	<2.7	355	356	314	283	88	80	47-108	10	36	
Benzo(b)fluoranthene	ug/kg	<3.0	355	356	321	272	90	77	42-113	16	34	
Benzo(g,h,i)perylene	ug/kg	<2.2	355	356	341	292	96	82	18-114	16	30	
Benzo(k)fluoranthene	ug/kg	<2.7	355	356	344	305	97	86	50-116	12	27	
Chrysene	ug/kg	<3.6	355	356	300	262	84	73	55-109	13	28	
Dibenz(a,h)anthracene	ug/kg	<2.4	355	356	322	281	91	79	39-105	14	29	
Fluoranthene	ug/kg	<5.6	355	356	291	254	81	71	41-107	13	28	
Fluorene	ug/kg	<4.4	355	356	289	253	81	71	48-99	13	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.3	355	356	323	278	91	78	27-113	15	30	
Naphthalene	ug/kg	<9.0	355	356	283	251	79	71	40-91	12	37	
Phenanthrene	ug/kg	<12.4	355	356	287	253	80	70	46-101	13	40	
Pyrene	ug/kg	<4.8	355	356	301	261	84	72	50-102	14	31	
2-Fluorobiphenyl (S)	%						70	63	19-96			
Terphenyl-d14 (S)	%						84	74	31-98			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

QC Batch: 259652 Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152264001, 40152264002, 40152264003, 40152264004, 40152264005, 40152264006, 40152264007

SAMPLE DUPLICATE: 1529866

Parameter	Units	50173847009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.2	8.3	2	10	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

QC Batch: 259653

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152264008, 40152264009

SAMPLE DUPLICATE: 1529878

Parameter	Units	40152273011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.0	6.2	3	10	

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152264

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

1q Sample was originally extracted within hold time, reextraction outside of hold time was necessary due to low surrogate recoveries.

H2 Extraction or preparation was conducted outside of the recognized method holding time.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152264

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152264007	B-2C 2-4	EPA 3050	259752	EPA 6010	259890
40152264008	B-2C 4-6	EPA 3050	259752	EPA 6010	259890
40152264009	B-2C 6-8	EPA 3050	259770	EPA 6010	259891
40152264001	B-2A 2-4	EPA 3546	259962	EPA 8270 by SIM	260052
40152264002	B-2A 4-6	EPA 3546	259962	EPA 8270 by SIM	260052
40152264003	B-2A 6-8	EPA 3546	259962	EPA 8270 by SIM	260052
40152264004	B-2B 2-4	EPA 3546	260822	EPA 8270 by SIM	260875
40152264005	B-2B 4-6	EPA 3546	260090	EPA 8270 by SIM	260125
40152264006	B-2B 6-8	EPA 3546	260092	EPA 8270 by SIM	260167
40152264007	B-2C 2-4	EPA 3546	260092	EPA 8270 by SIM	260167
40152264008	B-2C 4-6	EPA 3546	260092	EPA 8270 by SIM	260167
40152264009	B-2C 6-8	EPA 3546	260092	EPA 8270 by SIM	260167
40152264001	B-2A 2-4	EPA 5035/5030B	260026	EPA 8260	260030
40152264002	B-2A 4-6	EPA 5035/5030B	260026	EPA 8260	260030
40152264003	B-2A 6-8	EPA 5035/5030B	260026	EPA 8260	260030
40152264004	B-2B 2-4	EPA 5035/5030B	260026	EPA 8260	260030
40152264005	B-2B 4-6	EPA 5035/5030B	260026	EPA 8260	260030
40152264006	B-2B 6-8	EPA 5035/5030B	260026	EPA 8260	260030
40152264007	B-2C 2-4	EPA 5035/5030B	260026	EPA 8260	260030
40152264008	B-2C 4-6	EPA 5035/5030B	260026	EPA 8260	260030
40152264009	B-2C 6-8	EPA 5035/5030B	260026	EPA 8260	260030
40152264001	B-2A 2-4	ASTM D2974-87	259652		
40152264002	B-2A 4-6	ASTM D2974-87	259652		
40152264003	B-2A 6-8	ASTM D2974-87	259652		
40152264004	B-2B 2-4	ASTM D2974-87	259652		
40152264005	B-2B 4-6	ASTM D2974-87	259652		
40152264006	B-2B 6-8	ASTM D2974-87	259652		
40152264007	B-2C 2-4	ASTM D2974-87	259652		
40152264008	B-2C 4-6	ASTM D2974-87	259653		
40152264009	B-2C 6-8	ASTM D2974-87	259653		

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Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302

**Pace Analytical**  
Client Name: Giles Eng

Project #: **WO#: 40152264**



Courier:  Fed Ex  UPS  Client  Pace  Other \_\_\_\_\_

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_

Thermometer Used N/A Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT / Corr: \_\_\_\_\_ Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Person examining contents:  
Date: 6-23-17  
Initials: SW

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

Comments:

Chain of Custody Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>15</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: RHR for DM

Date: 6/23/17

**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page: _____ of _____	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:		<b>REGULATORY AGENCY</b>	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:			
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:		<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Phone: 262-544-0118    Fax: _____		Project Name: The Couture		Pace Quote Reference:		<b>Site Location</b> WI	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:			
				Pace Profile #:		<b>STATE:</b> WI	

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N ↓ Analysis Test ↑	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.								
		MATRIX	CODE			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other					VOC	PAH	Arsenic	Lead	Selenium	Mercury		
		DRINKING WATER	DW			DATE	TIME	DATE	TIME																						
		WATER	WT																												
1	B-2A 2-4	SL	G	6/22/17	1515					2	x																				
2	B-2A 4-6	SL	G		1520					2	x																				
3	B-2A 6-8	SL	G		1525					2	x																				
4	B-2B 2-4	SL	G	6/22/17	930					2	x																				
5	B-2B 4-6	SL	G		935					2	x																				
6	B-2B 6-8	SL	G		940					2	x																				
7	B-2C 2-4	SL	G		830					2	x																				
8	B-2C 4-6	SL	G		835					2	x																				
9	B-2C 6-8	SL	G		840					2	x																				
10		SL	G							2	x																				
11		SL	G							2	x																				
12		SL	G							2	x																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>[Signature]</i> / Giles	6/23/17		Mary Fanning	6/23/17	10:27	

SAMPLER NAME AND SIGNATURE				Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden							
SIGNATURE of SAMPLER: <i>[Signature]</i>		DATE Signed (MM/DD/YY): 6/22/17					

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

July 14, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on June 27, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152351001	TWB-4A (2-4)	Solid	06/23/17 09:35	06/27/17 09:50
40152351002	TWB-4A (6-8)	Solid	06/23/17 09:40	06/27/17 09:50
40152351003	TWB-4B (2-4)	Solid	06/23/17 09:45	06/27/17 09:50
40152351004	TWB-4B (6-8)	Solid	06/23/17 09:50	06/27/17 09:50
40152351005	TWB-4C (2-4)	Solid	06/23/17 09:55	06/27/17 09:50
40152351006	TWB-4C (6-8)	Solid	06/23/17 10:00	06/27/17 09:50

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152351001	TWB-4A (2-4)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40152351002	TWB-4A (6-8)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152351003	TWB-4B (2-4)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G
40152351004	TWB-4B (6-8)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G
40152351005	TWB-4C (2-4)	EPA 6010	JLD	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152351006	TWB-4C (6-8)	ASTM D2974-87	RMV	1	PASI-G
		EPA 6010	JLD	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152351001</b>	<b>TWB-4A (2-4)</b>					
EPA 8270 by SIM	Acenaphthene	7.4J	ug/kg	14.0	07/13/17 11:02	
EPA 8270 by SIM	Acenaphthylene	15.5	ug/kg	11.9	07/13/17 11:02	
EPA 8270 by SIM	Anthracene	36.1	ug/kg	20.6	07/13/17 11:02	
EPA 8270 by SIM	Benzo(a)anthracene	105	ug/kg	11.5	07/13/17 11:02	
EPA 8270 by SIM	Benzo(a)pyrene	118	ug/kg	9.1	07/13/17 11:02	
EPA 8270 by SIM	Benzo(b)fluoranthene	166	ug/kg	10.2	07/13/17 11:02	
EPA 8270 by SIM	Benzo(g,h,i)perylene	95.7	ug/kg	7.3	07/13/17 11:02	
EPA 8270 by SIM	Benzo(k)fluoranthene	70.3	ug/kg	9.1	07/13/17 11:02	
EPA 8270 by SIM	Chrysene	118	ug/kg	12.1	07/13/17 11:02	
EPA 8270 by SIM	Dibenz(a,h)anthracene	21.3	ug/kg	8.1	07/13/17 11:02	
EPA 8270 by SIM	Fluoranthene	186	ug/kg	18.9	07/13/17 11:02	
EPA 8270 by SIM	Fluorene	6.5J	ug/kg	15.0	07/13/17 11:02	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	71.0	ug/kg	7.9	07/13/17 11:02	
EPA 8270 by SIM	1-Methylnaphthalene	28.0	ug/kg	14.5	07/13/17 11:02	
EPA 8270 by SIM	2-Methylnaphthalene	33.6	ug/kg	18.1	07/13/17 11:02	
EPA 8270 by SIM	Naphthalene	26.0J	ug/kg	30.5	07/13/17 11:02	
EPA 8270 by SIM	Phenanthrene	119	ug/kg	42.0	07/13/17 11:02	
EPA 8270 by SIM	Pyrene	153	ug/kg	16.3	07/13/17 11:02	
ASTM D2974-87	Percent Moisture	7.6	%	0.10	06/28/17 09:09	
<b>40152351002</b>	<b>TWB-4A (6-8)</b>					
EPA 8270 by SIM	Acenaphthene	7.6J	ug/kg	14.7	07/05/17 13:05	
EPA 8270 by SIM	Anthracene	10.9J	ug/kg	21.6	07/05/17 13:05	
EPA 8270 by SIM	Benzo(a)anthracene	24.9	ug/kg	12.1	07/05/17 13:05	
EPA 8270 by SIM	Benzo(a)pyrene	24.0	ug/kg	9.5	07/05/17 13:05	
EPA 8270 by SIM	Benzo(b)fluoranthene	30.0	ug/kg	10.7	07/05/17 13:05	
EPA 8270 by SIM	Benzo(g,h,i)perylene	15.7	ug/kg	7.7	07/05/17 13:05	
EPA 8270 by SIM	Benzo(k)fluoranthene	12.5	ug/kg	9.5	07/05/17 13:05	
EPA 8270 by SIM	Chrysene	30.4	ug/kg	12.8	07/05/17 13:05	
EPA 8270 by SIM	Dibenz(a,h)anthracene	4.2J	ug/kg	8.5	07/05/17 13:05	
EPA 8270 by SIM	Fluoranthene	62.9	ug/kg	19.8	07/05/17 13:05	
EPA 8270 by SIM	Fluorene	7.6J	ug/kg	15.7	07/05/17 13:05	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	13.0	ug/kg	8.3	07/05/17 13:05	
EPA 8270 by SIM	1-Methylnaphthalene	6.8J	ug/kg	15.3	07/05/17 13:05	
EPA 8270 by SIM	2-Methylnaphthalene	7.7J	ug/kg	19.0	07/05/17 13:05	
EPA 8270 by SIM	Phenanthrene	85.3	ug/kg	44.2	07/05/17 13:05	
EPA 8270 by SIM	Pyrene	51.2	ug/kg	17.1	07/05/17 13:05	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	06/28/17 17:26	
<b>40152351003</b>	<b>TWB-4B (2-4)</b>					
EPA 8270 by SIM	Acenaphthene	10.1J	ug/kg	13.9	07/10/17 19:41	
EPA 8270 by SIM	Acenaphthylene	5.1J	ug/kg	11.9	07/10/17 19:41	
EPA 8270 by SIM	Anthracene	26.3	ug/kg	20.5	07/10/17 19:41	
EPA 8270 by SIM	Benzo(a)anthracene	69.9	ug/kg	11.4	07/10/17 19:41	
EPA 8270 by SIM	Benzo(a)pyrene	62.2	ug/kg	9.0	07/10/17 19:41	
EPA 8270 by SIM	Benzo(b)fluoranthene	89.5	ug/kg	10.1	07/10/17 19:41	
EPA 8270 by SIM	Benzo(g,h,i)perylene	28.0	ug/kg	7.3	07/10/17 19:41	
EPA 8270 by SIM	Benzo(k)fluoranthene	33.8	ug/kg	9.0	07/10/17 19:41	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152351003</b>	<b>TWB-4B (2-4)</b>					
EPA 8270 by SIM	Chrysene	74.3	ug/kg	12.1	07/10/17 19:41	
EPA 8270 by SIM	Dibenz(a,h)anthracene	9.4	ug/kg	8.0	07/10/17 19:41	
EPA 8270 by SIM	Fluoranthene	135	ug/kg	18.8	07/10/17 19:41	
EPA 8270 by SIM	Fluorene	9.5J	ug/kg	14.9	07/10/17 19:41	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	27.6	ug/kg	7.9	07/10/17 19:41	
EPA 8270 by SIM	1-Methylnaphthalene	11.9J	ug/kg	14.5	07/10/17 19:41	
EPA 8270 by SIM	2-Methylnaphthalene	14.0J	ug/kg	18.0	07/10/17 19:41	
EPA 8270 by SIM	Naphthalene	11.9J	ug/kg	30.3	07/10/17 19:41	
EPA 8270 by SIM	Phenanthrene	111	ug/kg	41.9	07/10/17 19:41	
EPA 8270 by SIM	Pyrene	123	ug/kg	16.2	07/10/17 19:41	
ASTM D2974-87	Percent Moisture	7.4	%	0.10	06/30/17 08:57	
<b>40152351004</b>	<b>TWB-4B (6-8)</b>					
ASTM D2974-87	Percent Moisture	13.1	%	0.10	06/30/17 08:57	
<b>40152351005</b>	<b>TWB-4C (2-4)</b>					
EPA 6010	Arsenic	6.7	mg/kg	5.4	06/30/17 13:09	
EPA 6010	Lead	230	mg/kg	1.4	06/30/17 13:09	
EPA 8270 by SIM	Anthracene	35.3J	ug/kg	104	07/13/17 11:19	
EPA 8270 by SIM	Benzo(a)anthracene	401	ug/kg	57.9	07/13/17 11:19	
EPA 8270 by SIM	Benzo(a)pyrene	603	ug/kg	45.7	07/13/17 11:19	
EPA 8270 by SIM	Benzo(b)fluoranthene	999	ug/kg	51.4	07/13/17 11:19	
EPA 8270 by SIM	Benzo(g,h,i)perylene	688	ug/kg	37.0	07/13/17 11:19	
EPA 8270 by SIM	Benzo(k)fluoranthene	404	ug/kg	45.7	07/13/17 11:19	
EPA 8270 by SIM	Chrysene	577	ug/kg	61.2	07/13/17 11:19	
EPA 8270 by SIM	Dibenz(a,h)anthracene	161	ug/kg	40.7	07/13/17 11:19	
EPA 8270 by SIM	Fluoranthene	453	ug/kg	95.0	07/13/17 11:19	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	505	ug/kg	40.0	07/13/17 11:19	
EPA 8270 by SIM	1-Methylnaphthalene	27.8J	ug/kg	73.2	07/13/17 11:19	
EPA 8270 by SIM	2-Methylnaphthalene	34.7J	ug/kg	91.2	07/13/17 11:19	
EPA 8270 by SIM	Phenanthrene	168J	ug/kg	212	07/13/17 11:19	
EPA 8270 by SIM	Pyrene	444	ug/kg	81.9	07/13/17 11:19	
EPA 8260	Naphthalene	48.0J	ug/kg	273	06/29/17 20:02	
ASTM D2974-87	Percent Moisture	8.4	%	0.10	06/30/17 08:57	
<b>40152351006</b>	<b>TWB-4C (6-8)</b>					
EPA 6010	Arsenic	7.8	mg/kg	5.3	06/30/17 13:12	
EPA 6010	Lead	148	mg/kg	1.4	06/30/17 13:12	
EPA 8270 by SIM	Acenaphthene	65.1	ug/kg	30.3	07/10/17 20:50	
EPA 8270 by SIM	Acenaphthylene	9.4J	ug/kg	25.8	07/10/17 20:50	
EPA 8270 by SIM	Anthracene	169	ug/kg	44.6	07/10/17 20:50	
EPA 8270 by SIM	Benzo(a)anthracene	357	ug/kg	24.9	07/10/17 20:50	
EPA 8270 by SIM	Benzo(a)pyrene	326	ug/kg	19.6	07/10/17 20:50	
EPA 8270 by SIM	Benzo(b)fluoranthene	454	ug/kg	22.1	07/10/17 20:50	
EPA 8270 by SIM	Benzo(g,h,i)perylene	124	ug/kg	15.9	07/10/17 20:50	
EPA 8270 by SIM	Benzo(k)fluoranthene	189	ug/kg	19.6	07/10/17 20:50	
EPA 8270 by SIM	Chrysene	378	ug/kg	26.3	07/10/17 20:50	
EPA 8270 by SIM	Dibenz(a,h)anthracene	44.8	ug/kg	17.5	07/10/17 20:50	
EPA 8270 by SIM	Fluoranthene	783	ug/kg	40.8	07/10/17 20:50	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152351006</b>	<b>TWB-4C (6-8)</b>					
EPA 8270 by SIM	Fluorene	61.2	ug/kg	32.4	07/10/17 20:50	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	124	ug/kg	17.2	07/10/17 20:50	
EPA 8270 by SIM	1-Methylnaphthalene	31.0J	ug/kg	31.4	07/10/17 20:50	
EPA 8270 by SIM	2-Methylnaphthalene	35.2J	ug/kg	39.2	07/10/17 20:50	
EPA 8270 by SIM	Naphthalene	45.4J	ug/kg	65.9	07/10/17 20:50	
EPA 8270 by SIM	Phenanthrene	646	ug/kg	91.0	07/10/17 20:50	
EPA 8270 by SIM	Pyrene	671	ug/kg	35.2	07/10/17 20:50	
ASTM D2974-87	Percent Moisture	14.6	%	0.10	06/30/17 08:57	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

**Sample: TWB-4A (2-4)**      **Lab ID: 40152351001**      Collected: 06/23/17 09:35      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	7.4J	ug/kg	14.0	4.2	1	07/03/17 07:35	07/13/17 11:02	83-32-9	
Acenaphthylene	15.5	ug/kg	11.9	3.6	1	07/03/17 07:35	07/13/17 11:02	208-96-8	
Anthracene	36.1	ug/kg	20.6	6.2	1	07/03/17 07:35	07/13/17 11:02	120-12-7	
Benzo(a)anthracene	105	ug/kg	11.5	3.4	1	07/03/17 07:35	07/13/17 11:02	56-55-3	
Benzo(a)pyrene	118	ug/kg	9.1	2.7	1	07/03/17 07:35	07/13/17 11:02	50-32-8	
Benzo(b)fluoranthene	166	ug/kg	10.2	3.1	1	07/03/17 07:35	07/13/17 11:02	205-99-2	
Benzo(g,h,i)perylene	95.7	ug/kg	7.3	2.2	1	07/03/17 07:35	07/13/17 11:02	191-24-2	
Benzo(k)fluoranthene	70.3	ug/kg	9.1	2.7	1	07/03/17 07:35	07/13/17 11:02	207-08-9	
Chrysene	118	ug/kg	12.1	3.7	1	07/03/17 07:35	07/13/17 11:02	218-01-9	
Dibenz(a,h)anthracene	21.3	ug/kg	8.1	2.4	1	07/03/17 07:35	07/13/17 11:02	53-70-3	
Fluoranthene	186	ug/kg	18.9	5.6	1	07/03/17 07:35	07/13/17 11:02	206-44-0	
Fluorene	6.5J	ug/kg	15.0	4.5	1	07/03/17 07:35	07/13/17 11:02	86-73-7	
Indeno(1,2,3-cd)pyrene	71.0	ug/kg	7.9	2.4	1	07/03/17 07:35	07/13/17 11:02	193-39-5	
1-Methylnaphthalene	28.0	ug/kg	14.5	4.4	1	07/03/17 07:35	07/13/17 11:02	90-12-0	
2-Methylnaphthalene	33.6	ug/kg	18.1	5.4	1	07/03/17 07:35	07/13/17 11:02	91-57-6	
Naphthalene	26.0J	ug/kg	30.5	9.1	1	07/03/17 07:35	07/13/17 11:02	91-20-3	
Phenanthrene	119	ug/kg	42.0	12.6	1	07/03/17 07:35	07/13/17 11:02	85-01-8	
Pyrene	153	ug/kg	16.3	4.9	1	07/03/17 07:35	07/13/17 11:02	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	19-96		1	07/03/17 07:35	07/13/17 11:02	321-60-8	
Terphenyl-d14 (S)	48	%	31-98		1	07/03/17 07:35	07/13/17 11:02	1718-51-0	

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 18:31	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 18:31	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 18:31	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 18:31	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	541-73-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Sample: **TWB-4A (2-4)** Lab ID: **40152351001** Collected: 06/23/17 09:35 Received: 06/27/17 09:50 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/29/17 08:15	06/29/17 18:31	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 18:31	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:31	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 18:31	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	90	%	68-130		1	06/29/17 08:15	06/29/17 18:31	1868-53-7	
Toluene-d8 (S)	98	%	68-149		1	06/29/17 08:15	06/29/17 18:31	2037-26-5	
4-Bromofluorobenzene (S)	84	%	58-141		1	06/29/17 08:15	06/29/17 18:31	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>7.6</b>	%	0.10	0.10	1		06/28/17 09:09		
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Sample: **TWB-4A (6-8)** Lab ID: **40152351002** Collected: 06/23/17 09:40 Received: 06/27/17 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	7.6J	ug/kg	14.7	4.4	1	07/03/17 07:35	07/05/17 13:05	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.5	3.8	1	07/03/17 07:35	07/05/17 13:05	208-96-8	
Anthracene	10.9J	ug/kg	21.6	6.5	1	07/03/17 07:35	07/05/17 13:05	120-12-7	
Benzo(a)anthracene	24.9	ug/kg	12.1	3.6	1	07/03/17 07:35	07/05/17 13:05	56-55-3	
Benzo(a)pyrene	24.0	ug/kg	9.5	2.9	1	07/03/17 07:35	07/05/17 13:05	50-32-8	
Benzo(b)fluoranthene	30.0	ug/kg	10.7	3.2	1	07/03/17 07:35	07/05/17 13:05	205-99-2	
Benzo(g,h,i)perylene	15.7	ug/kg	7.7	2.3	1	07/03/17 07:35	07/05/17 13:05	191-24-2	
Benzo(k)fluoranthene	12.5	ug/kg	9.5	2.9	1	07/03/17 07:35	07/05/17 13:05	207-08-9	
Chrysene	30.4	ug/kg	12.8	3.8	1	07/03/17 07:35	07/05/17 13:05	218-01-9	
Dibenz(a,h)anthracene	4.2J	ug/kg	8.5	2.5	1	07/03/17 07:35	07/05/17 13:05	53-70-3	
Fluoranthene	62.9	ug/kg	19.8	5.9	1	07/03/17 07:35	07/05/17 13:05	206-44-0	
Fluorene	7.6J	ug/kg	15.7	4.7	1	07/03/17 07:35	07/05/17 13:05	86-73-7	
Indeno(1,2,3-cd)pyrene	13.0	ug/kg	8.3	2.5	1	07/03/17 07:35	07/05/17 13:05	193-39-5	
1-Methylnaphthalene	6.8J	ug/kg	15.3	4.6	1	07/03/17 07:35	07/05/17 13:05	90-12-0	
2-Methylnaphthalene	7.7J	ug/kg	19.0	5.7	1	07/03/17 07:35	07/05/17 13:05	91-57-6	
Naphthalene	<9.6	ug/kg	32.0	9.6	1	07/03/17 07:35	07/05/17 13:05	91-20-3	
Phenanthrene	85.3	ug/kg	44.2	13.3	1	07/03/17 07:35	07/05/17 13:05	85-01-8	
Pyrene	51.2	ug/kg	17.1	5.1	1	07/03/17 07:35	07/05/17 13:05	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	65	%	19-96		1	07/03/17 07:35	07/05/17 13:05	321-60-8	
Terphenyl-d14 (S)	74	%	31-98		1	07/03/17 07:35	07/05/17 13:05	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 18:54	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 18:54	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 18:54	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 18:54	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	541-73-1	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

**Sample: TWB-4A (6-8)** Lab ID: 40152351002 Collected: 06/23/17 09:40 Received: 06/27/17 09:50 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/29/17 08:15	06/29/17 18:54	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 18:54	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:54	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 18:54	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	68-130		1	06/29/17 08:15	06/29/17 18:54	1868-53-7	
Toluene-d8 (S)	115	%	68-149		1	06/29/17 08:15	06/29/17 18:54	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	06/29/17 08:15	06/29/17 18:54	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	12.0	%	0.10	0.10	1		06/28/17 17:26		
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### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Sample: **TWB-4B (2-4)** Lab ID: **40152351003** Collected: 06/23/17 09:45 Received: 06/27/17 09:50 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>10.1J</b>	ug/kg	13.9	4.2	1	07/03/17 07:35	07/10/17 19:41	83-32-9	
Acenaphthylene	<b>5.1J</b>	ug/kg	11.9	3.6	1	07/03/17 07:35	07/10/17 19:41	208-96-8	
Anthracene	<b>26.3</b>	ug/kg	20.5	6.2	1	07/03/17 07:35	07/10/17 19:41	120-12-7	
Benzo(a)anthracene	<b>69.9</b>	ug/kg	11.4	3.4	1	07/03/17 07:35	07/10/17 19:41	56-55-3	
Benzo(a)pyrene	<b>62.2</b>	ug/kg	9.0	2.7	1	07/03/17 07:35	07/10/17 19:41	50-32-8	
Benzo(b)fluoranthene	<b>89.5</b>	ug/kg	10.1	3.0	1	07/03/17 07:35	07/10/17 19:41	205-99-2	
Benzo(g,h,i)perylene	<b>28.0</b>	ug/kg	7.3	2.2	1	07/03/17 07:35	07/10/17 19:41	191-24-2	
Benzo(k)fluoranthene	<b>33.8</b>	ug/kg	9.0	2.7	1	07/03/17 07:35	07/10/17 19:41	207-08-9	
Chrysene	<b>74.3</b>	ug/kg	12.1	3.6	1	07/03/17 07:35	07/10/17 19:41	218-01-9	
Dibenz(a,h)anthracene	<b>9.4</b>	ug/kg	8.0	2.4	1	07/03/17 07:35	07/10/17 19:41	53-70-3	
Fluoranthene	<b>135</b>	ug/kg	18.8	5.6	1	07/03/17 07:35	07/10/17 19:41	206-44-0	
Fluorene	<b>9.5J</b>	ug/kg	14.9	4.5	1	07/03/17 07:35	07/10/17 19:41	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>27.6</b>	ug/kg	7.9	2.4	1	07/03/17 07:35	07/10/17 19:41	193-39-5	
1-Methylnaphthalene	<b>11.9J</b>	ug/kg	14.5	4.3	1	07/03/17 07:35	07/10/17 19:41	90-12-0	
2-Methylnaphthalene	<b>14.0J</b>	ug/kg	18.0	5.4	1	07/03/17 07:35	07/10/17 19:41	91-57-6	
Naphthalene	<b>11.9J</b>	ug/kg	30.3	9.1	1	07/03/17 07:35	07/10/17 19:41	91-20-3	
Phenanthrene	<b>111</b>	ug/kg	41.9	12.6	1	07/03/17 07:35	07/10/17 19:41	85-01-8	
Pyrene	<b>123</b>	ug/kg	16.2	4.9	1	07/03/17 07:35	07/10/17 19:41	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	19-96		1	07/03/17 07:35	07/10/17 19:41	321-60-8	
Terphenyl-d14 (S)	76	%	31-98		1	07/03/17 07:35	07/10/17 19:41	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 19:17	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 19:17	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 19:17	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 19:17	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	106-93-4	W
Dibromomethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Sample: **TWB-4B (2-4)** Lab ID: **40152351003** Collected: 06/23/17 09:45 Received: 06/27/17 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/29/17 08:15	06/29/17 19:17	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 19:17	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:17	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 19:17	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	85	%	68-130		1	06/29/17 08:15	06/29/17 19:17	1868-53-7	
Toluene-d8 (S)	93	%	68-149		1	06/29/17 08:15	06/29/17 19:17	2037-26-5	
4-Bromofluorobenzene (S)	81	%	58-141		1	06/29/17 08:15	06/29/17 19:17	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	7.4	%	0.10	0.10	1	06/30/17 08:57
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

**Sample: TWB-4B (6-8)**      **Lab ID: 40152351004**      Collected: 06/23/17 09:50      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	14.8	4.5	1	07/03/17 07:35	07/05/17 13:22	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.6	3.8	1	07/03/17 07:35	07/05/17 13:22	208-96-8	
Anthracene	<6.6	ug/kg	21.8	6.6	1	07/03/17 07:35	07/05/17 13:22	120-12-7	
Benzo(a)anthracene	<3.6	ug/kg	12.2	3.6	1	07/03/17 07:35	07/05/17 13:22	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.6	2.9	1	07/03/17 07:35	07/05/17 13:22	50-32-8	
Benzo(b)fluoranthene	<3.2	ug/kg	10.8	3.2	1	07/03/17 07:35	07/05/17 13:22	205-99-2	
Benzo(g,h,i)perylene	<2.3	ug/kg	7.8	2.3	1	07/03/17 07:35	07/05/17 13:22	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.6	2.9	1	07/03/17 07:35	07/05/17 13:22	207-08-9	
Chrysene	<3.9	ug/kg	12.9	3.9	1	07/03/17 07:35	07/05/17 13:22	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.6	2.6	1	07/03/17 07:35	07/05/17 13:22	53-70-3	
Fluoranthene	<6.0	ug/kg	20.0	6.0	1	07/03/17 07:35	07/05/17 13:22	206-44-0	
Fluorene	<4.8	ug/kg	15.9	4.8	1	07/03/17 07:35	07/05/17 13:22	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.5	ug/kg	8.4	2.5	1	07/03/17 07:35	07/05/17 13:22	193-39-5	
1-Methylnaphthalene	<4.6	ug/kg	15.4	4.6	1	07/03/17 07:35	07/05/17 13:22	90-12-0	
2-Methylnaphthalene	<5.7	ug/kg	19.2	5.7	1	07/03/17 07:35	07/05/17 13:22	91-57-6	
Naphthalene	<9.7	ug/kg	32.3	9.7	1	07/03/17 07:35	07/05/17 13:22	91-20-3	
Phenanthrene	<13.4	ug/kg	44.6	13.4	1	07/03/17 07:35	07/05/17 13:22	85-01-8	
Pyrene	<5.2	ug/kg	17.2	5.2	1	07/03/17 07:35	07/05/17 13:22	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	19-96		1	07/03/17 07:35	07/05/17 13:22	321-60-8	
Terphenyl-d14 (S)	79	%	31-98		1	07/03/17 07:35	07/05/17 13:22	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 19:39	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 19:39	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 19:39	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 19:39	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

**Sample: TWB-4B (6-8)**      **Lab ID: 40152351004**      Collected: 06/23/17 09:50      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/29/17 08:15	06/29/17 19:39	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 19:39	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 19:39	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 19:39	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	92	%	68-130		1	06/29/17 08:15	06/29/17 19:39	1868-53-7	
Toluene-d8 (S)	96	%	68-149		1	06/29/17 08:15	06/29/17 19:39	2037-26-5	
4-Bromofluorobenzene (S)	80	%	58-141		1	06/29/17 08:15	06/29/17 19:39	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	13.1	%	0.10	0.10	1	06/30/17 08:57
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Sample: **TWB-4C (2-4)** Lab ID: **40152351005** Collected: 06/23/17 09:55 Received: 06/27/17 09:50 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.7	mg/kg	5.4	1.1	1	06/29/17 09:22	06/30/17 13:09	7440-38-2	
Lead	230	mg/kg	1.4	0.47	1	06/29/17 09:22	06/30/17 13:09	7439-92-1	
Selenium	<1.2	mg/kg	5.4	1.2	1	06/29/17 09:22	06/30/17 13:09	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<21.2	ug/kg	70.5	21.2	5	07/03/17 07:35	07/13/17 11:19	83-32-9	
Acenaphthylene	<18.0	ug/kg	60.1	18.0	5	07/03/17 07:35	07/13/17 11:19	208-96-8	
Anthracene	35.3J	ug/kg	104	31.2	5	07/03/17 07:35	07/13/17 11:19	120-12-7	
Benzo(a)anthracene	401	ug/kg	57.9	17.3	5	07/03/17 07:35	07/13/17 11:19	56-55-3	
Benzo(a)pyrene	603	ug/kg	45.7	13.7	5	07/03/17 07:35	07/13/17 11:19	50-32-8	
Benzo(b)fluoranthene	999	ug/kg	51.4	15.4	5	07/03/17 07:35	07/13/17 11:19	205-99-2	
Benzo(g,h,i)perylene	688	ug/kg	37.0	11.1	5	07/03/17 07:35	07/13/17 11:19	191-24-2	
Benzo(k)fluoranthene	404	ug/kg	45.7	13.7	5	07/03/17 07:35	07/13/17 11:19	207-08-9	
Chrysene	577	ug/kg	61.2	18.4	5	07/03/17 07:35	07/13/17 11:19	218-01-9	
Dibenz(a,h)anthracene	161	ug/kg	40.7	12.2	5	07/03/17 07:35	07/13/17 11:19	53-70-3	
Fluoranthene	453	ug/kg	95.0	28.4	5	07/03/17 07:35	07/13/17 11:19	206-44-0	
Fluorene	<22.6	ug/kg	75.4	22.6	5	07/03/17 07:35	07/13/17 11:19	86-73-7	
Indeno(1,2,3-cd)pyrene	505	ug/kg	40.0	12.0	5	07/03/17 07:35	07/13/17 11:19	193-39-5	
1-Methylnaphthalene	27.8J	ug/kg	73.2	22.0	5	07/03/17 07:35	07/13/17 11:19	90-12-0	
2-Methylnaphthalene	34.7J	ug/kg	91.2	27.3	5	07/03/17 07:35	07/13/17 11:19	91-57-6	
Naphthalene	<46.0	ug/kg	153	46.0	5	07/03/17 07:35	07/13/17 11:19	91-20-3	
Phenanthrene	168J	ug/kg	212	63.6	5	07/03/17 07:35	07/13/17 11:19	85-01-8	
Pyrene	444	ug/kg	81.9	24.6	5	07/03/17 07:35	07/13/17 11:19	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	19-96		5	07/03/17 07:35	07/13/17 11:19	321-60-8	
Terphenyl-d14 (S)	73	%	31-98		5	07/03/17 07:35	07/13/17 11:19	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 20:02	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 20:02	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 20:02	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 20:02	96-12-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Sample: **TWB-4C (2-4)** Lab ID: **40152351005** Collected: 06/23/17 09:55 Received: 06/27/17 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	1634-04-4	W
Naphthalene	48.0J	ug/kg	273	43.7	1	06/29/17 08:15	06/29/17 20:02	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 20:02	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:02	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 20:02	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	68-130		1	06/29/17 08:15	06/29/17 20:02	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

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**Sample: TWB-4C (2-4)**      **Lab ID: 40152351005**      Collected: 06/23/17 09:55      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	109	%	68-149		1	06/29/17 08:15	06/29/17 20:02	2037-26-5	
4-Bromofluorobenzene (S)	94	%	58-141		1	06/29/17 08:15	06/29/17 20:02	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>8.4</b>	%	0.10	0.10	1		06/30/17 08:57		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

**Sample: TWB-4C (6-8)**      **Lab ID: 40152351006**      Collected: 06/23/17 10:00      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	7.8	mg/kg	5.3	1.1	1	06/29/17 09:22	06/30/17 13:12	7440-38-2	
Lead	148	mg/kg	1.4	0.46	1	06/29/17 09:22	06/30/17 13:12	7439-92-1	
Selenium	<1.2	mg/kg	5.3	1.2	1	06/29/17 09:22	06/30/17 13:12	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	65.1	ug/kg	30.3	9.1	2	07/03/17 07:35	07/10/17 20:50	83-32-9	
Acenaphthylene	9.4J	ug/kg	25.8	7.7	2	07/03/17 07:35	07/10/17 20:50	208-96-8	
Anthracene	169	ug/kg	44.6	13.4	2	07/03/17 07:35	07/10/17 20:50	120-12-7	
Benzo(a)anthracene	357	ug/kg	24.9	7.4	2	07/03/17 07:35	07/10/17 20:50	56-55-3	
Benzo(a)pyrene	326	ug/kg	19.6	5.9	2	07/03/17 07:35	07/10/17 20:50	50-32-8	
Benzo(b)fluoranthene	454	ug/kg	22.1	6.6	2	07/03/17 07:35	07/10/17 20:50	205-99-2	
Benzo(g,h,i)perylene	124	ug/kg	15.9	4.8	2	07/03/17 07:35	07/10/17 20:50	191-24-2	
Benzo(k)fluoranthene	189	ug/kg	19.6	5.9	2	07/03/17 07:35	07/10/17 20:50	207-08-9	
Chrysene	378	ug/kg	26.3	7.9	2	07/03/17 07:35	07/10/17 20:50	218-01-9	
Dibenz(a,h)anthracene	44.8	ug/kg	17.5	5.2	2	07/03/17 07:35	07/10/17 20:50	53-70-3	
Fluoranthene	783	ug/kg	40.8	12.2	2	07/03/17 07:35	07/10/17 20:50	206-44-0	
Fluorene	61.2	ug/kg	32.4	9.7	2	07/03/17 07:35	07/10/17 20:50	86-73-7	
Indeno(1,2,3-cd)pyrene	124	ug/kg	17.2	5.2	2	07/03/17 07:35	07/10/17 20:50	193-39-5	
1-Methylnaphthalene	31.0J	ug/kg	31.4	9.4	2	07/03/17 07:35	07/10/17 20:50	90-12-0	
2-Methylnaphthalene	35.2J	ug/kg	39.2	11.7	2	07/03/17 07:35	07/10/17 20:50	91-57-6	
Naphthalene	45.4J	ug/kg	65.9	19.8	2	07/03/17 07:35	07/10/17 20:50	91-20-3	
Phenanthrene	646	ug/kg	91.0	27.3	2	07/03/17 07:35	07/10/17 20:50	85-01-8	
Pyrene	671	ug/kg	35.2	10.6	2	07/03/17 07:35	07/10/17 20:50	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	19-96		2	07/03/17 07:35	07/10/17 20:50	321-60-8	
Terphenyl-d14 (S)	63	%	31-98		2	07/03/17 07:35	07/10/17 20:50	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 20:24	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 20:24	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 20:24	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 20:24	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

Sample: **TWB-4C (6-8)** Lab ID: **40152351006** Collected: 06/23/17 10:00 Received: 06/27/17 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/29/17 08:15	06/29/17 20:24	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 20:24	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 20:24	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 20:24	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	68-130		1	06/29/17 08:15	06/29/17 20:24	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

**Sample: TWB-4C (6-8)**      **Lab ID: 40152351006**      Collected: 06/23/17 10:00      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	103	%	68-149		1	06/29/17 08:15	06/29/17 20:24	2037-26-5	
4-Bromofluorobenzene (S)	90	%	58-141		1	06/29/17 08:15	06/29/17 20:24	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>14.6</b>	%	0.10	0.10	1		06/30/17 08:57		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

QC Batch: 260114 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152351005, 40152351006

METHOD BLANK: 1532327 Matrix: Solid

Associated Lab Samples: 40152351005, 40152351006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	06/30/17 12:10	
Lead	mg/kg	<0.43	1.3	06/30/17 12:10	
Selenium	mg/kg	<1.1	5.0	06/30/17 12:10	

LABORATORY CONTROL SAMPLE: 1532328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	47.3	95	80-120	
Lead	mg/kg	50	50.4	101	80-120	
Selenium	mg/kg	50	49.8	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532329 1532330

Parameter	Units	40152379001		MSD		MSD		% Rec		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Arsenic	mg/kg	1.5J	53.4	52.9	51.2	50.9	93	93	75-125	1	20		
Lead	mg/kg	2.1	53.4	52.9	54.4	54.4	98	99	75-125	0	20		
Selenium	mg/kg	<1.2	53.4	52.9	52.3	52.3	98	99	75-125	0	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

QC Batch: 260168 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152351001, 40152351002, 40152351003, 40152351004, 40152351005, 40152351006

METHOD BLANK: 1532701 Matrix: Solid  
Associated Lab Samples: 40152351001, 40152351002, 40152351003, 40152351004, 40152351005, 40152351006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/29/17 14:22	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/29/17 14:22	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/29/17 14:22	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/29/17 14:22	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/29/17 14:22	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/29/17 14:22	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/29/17 14:22	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/29/17 14:22	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/29/17 14:22	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/29/17 14:22	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/29/17 14:22	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/29/17 14:22	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/29/17 14:22	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/29/17 14:22	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/29/17 14:22	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/29/17 14:22	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/29/17 14:22	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/29/17 14:22	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/29/17 14:22	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/29/17 14:22	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/29/17 14:22	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/29/17 14:22	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/29/17 14:22	
Benzene	ug/kg	<9.2	20.0	06/29/17 14:22	
Bromobenzene	ug/kg	<20.6	50.0	06/29/17 14:22	
Bromochloromethane	ug/kg	<21.4	50.0	06/29/17 14:22	
Bromodichloromethane	ug/kg	<9.8	50.0	06/29/17 14:22	
Bromoform	ug/kg	<19.8	50.0	06/29/17 14:22	
Bromomethane	ug/kg	<69.9	250	06/29/17 14:22	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/29/17 14:22	
Chlorobenzene	ug/kg	<14.8	50.0	06/29/17 14:22	
Chloroethane	ug/kg	<67.0	250	06/29/17 14:22	
Chloroform	ug/kg	<46.4	250	06/29/17 14:22	
Chloromethane	ug/kg	<20.4	50.0	06/29/17 14:22	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/29/17 14:22	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/29/17 14:22	
Dibromochloromethane	ug/kg	<17.9	50.0	06/29/17 14:22	
Dibromomethane	ug/kg	<19.3	50.0	06/29/17 14:22	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/29/17 14:22	
Diisopropyl ether	ug/kg	<17.7	50.0	06/29/17 14:22	
Ethylbenzene	ug/kg	<12.4	50.0	06/29/17 14:22	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

METHOD BLANK: 1532701

Matrix: Solid

Associated Lab Samples: 40152351001, 40152351002, 40152351003, 40152351004, 40152351005, 40152351006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	26.6J	50.0	06/29/17 14:22	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/29/17 14:22	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/29/17 14:22	
Methylene Chloride	ug/kg	<16.2	50.0	06/29/17 14:22	
n-Butylbenzene	ug/kg	<10.5	50.0	06/29/17 14:22	
n-Propylbenzene	ug/kg	<11.6	50.0	06/29/17 14:22	
Naphthalene	ug/kg	<40.0	250	06/29/17 14:22	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/29/17 14:22	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/29/17 14:22	
Styrene	ug/kg	<9.0	50.0	06/29/17 14:22	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/29/17 14:22	
Tetrachloroethene	ug/kg	<12.9	50.0	06/29/17 14:22	
Toluene	ug/kg	<11.2	50.0	06/29/17 14:22	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/29/17 14:22	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/29/17 14:22	
Trichloroethene	ug/kg	<23.6	50.0	06/29/17 14:22	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/29/17 14:22	
Vinyl chloride	ug/kg	<21.1	50.0	06/29/17 14:22	
Xylene (Total)	ug/kg	<48.4	150	06/29/17 14:22	
4-Bromofluorobenzene (S)	%	90	58-141	06/29/17 14:22	
Dibromofluoromethane (S)	%	102	68-130	06/29/17 14:22	
Toluene-d8 (S)	%	105	68-149	06/29/17 14:22	

LABORATORY CONTROL SAMPLE: 1532702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2510	100	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2670	107	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2640	106	70-130	
1,1-Dichloroethane	ug/kg	2500	2350	94	63-124	
1,1-Dichloroethene	ug/kg	2500	2620	105	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2350	94	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2100	84	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2610	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2680	107	70-130	
1,2-Dichloroethane	ug/kg	2500	2920	117	56-135	
1,2-Dichloropropane	ug/kg	2500	2450	98	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2650	106	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2620	105	70-130	
Benzene	ug/kg	2500	2340	94	66-130	
Bromodichloromethane	ug/kg	2500	2500	100	62-135	
Bromoform	ug/kg	2500	2210	88	68-130	
Bromomethane	ug/kg	2500	2290	92	29-137	
Carbon tetrachloride	ug/kg	2500	2450	98	57-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

LABORATORY CONTROL SAMPLE: 1532702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2630	105	70-130	
Chloroethane	ug/kg	2500	2710	108	36-144	
Chloroform	ug/kg	2500	2540	102	69-115	
Chloromethane	ug/kg	2500	1660	66	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2170	87	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2380	95	70-130	
Dibromochloromethane	ug/kg	2500	2340	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1370	55	10-99	
Ethylbenzene	ug/kg	2500	2600	104	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2520	101	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2340	94	63-134	
Methylene Chloride	ug/kg	2500	2850	114	56-123	
Styrene	ug/kg	2500	2530	101	70-130	
Tetrachloroethene	ug/kg	2500	2520	101	70-131	
Toluene	ug/kg	2500	2580	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2400	96	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2380	95	68-130	
Trichloroethene	ug/kg	2500	2590	104	70-130	
Trichlorofluoromethane	ug/kg	2500	3160	126	37-149	
Vinyl chloride	ug/kg	2500	2000	80	43-128	
Xylene (Total)	ug/kg	7500	7570	101	70-130	
4-Bromofluorobenzene (S)	%			96	58-141	
Dibromofluoromethane (S)	%			99	68-130	
Toluene-d8 (S)	%			102	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532703 1532704

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152310014 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/kg	<25.0	1420	1420	1420	1210	1270	85	89	57-123	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1420	1420	1420	1500	1460	105	102	73-135	3	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1420	1420	1420	1470	1450	103	102	70-130	1	20	
1,1-Dichloroethane	ug/kg	<25.0	1420	1420	1420	1210	1250	85	87	63-124	3	20	
1,1-Dichloroethene	ug/kg	<25.0	1420	1420	1420	1260	1310	89	92	48-117	4	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1420	1420	1420	1500	1490	103	102	78-145	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1420	1420	1420	1240	1240	87	87	38-168	0	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1420	1420	1420	1400	1410	98	99	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1420	1420	1420	1530	1560	107	109	70-130	2	20	
1,2-Dichloroethane	ug/kg	<25.0	1420	1420	1420	1640	1610	115	113	56-145	2	20	
1,2-Dichloropropane	ug/kg	<25.0	1420	1420	1420	1350	1320	95	93	77-123	2	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1420	1420	1420	1510	1500	106	105	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1420	1420	1420	1510	1520	105	106	70-130	1	20	
Benzene	ug/kg	<25.0	1420	1420	1420	1260	1280	89	90	65-130	2	20	
Bromodichloromethane	ug/kg	<25.0	1420	1420	1420	1370	1320	96	93	59-141	4	20	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532703		1532704		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40152310014 Result	MS Spike Conc.	MSD Spike Conc.									
Bromoform	ug/kg	<25.0	1420	1420	1180	1120	83	79	59-141	5	20		
Bromomethane	ug/kg	<69.9	1420	1420	1220	1310	86	92	28-139	7	20		
Carbon tetrachloride	ug/kg	<25.0	1420	1420	1180	1240	82	87	50-130	5	20		
Chlorobenzene	ug/kg	<25.0	1420	1420	1440	1470	101	103	70-130	2	20		
Chloroethane	ug/kg	<67.0	1420	1420	1380	1530	97	107	36-144	10	20		
Chloroform	ug/kg	<46.4	1420	1420	1380	1410	97	99	68-122	2	20		
Chloromethane	ug/kg	<25.0	1420	1420	757	804	53	56	30-126	6	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1420	1420	1240	1190	87	84	63-130	4	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1420	1420	1260	1230	88	86	70-130	2	20		
Dibromochloromethane	ug/kg	<25.0	1420	1420	1200	1220	84	86	66-136	1	20		
Dichlorodifluoromethane	ug/kg	<25.0	1420	1420	454	473	32	33	10-99	4	33		
Ethylbenzene	ug/kg	<25.0	1420	1420	1340	1340	94	94	80-122	0	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1420	1420	1270	1280	89	90	70-130	1	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1420	1420	1360	1310	96	92	63-134	4	20		
Methylene Chloride	ug/kg	<25.0	1420	1420	1550	1570	108	110	56-127	1	20		
Styrene	ug/kg	<25.0	1420	1420	1350	1320	95	93	70-130	2	20		
Tetrachloroethene	ug/kg	<25.0	1420	1420	1360	1390	95	98	70-131	2	20		
Toluene	ug/kg	<25.0	1420	1420	1380	1390	97	97	80-120	0	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1420	1420	1210	1230	85	86	60-130	1	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1420	1420	1290	1240	90	87	68-130	4	20		
Trichloroethene	ug/kg	<25.0	1420	1420	1350	1380	95	97	70-130	2	20		
Trichlorofluoromethane	ug/kg	<25.0	1420	1420	1410	1320	99	93	37-149	7	24		
Vinyl chloride	ug/kg	<25.0	1420	1420	913	943	64	66	39-128	3	20		
Xylene (Total)	ug/kg	<75.0	4270	4270	4030	3940	94	92	70-130	2	20		
4-Bromofluorobenzene (S)	%						83	80	58-141				
Dibromofluoromethane (S)	%						86	84	68-130				
Toluene-d8 (S)	%						90	87	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

QC Batch: 260368 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152351001, 40152351002, 40152351003, 40152351004, 40152351005, 40152351006

METHOD BLANK: 1534589 Matrix: Solid  
Associated Lab Samples: 40152351001, 40152351002, 40152351003, 40152351004, 40152351005, 40152351006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/03/17 18:20	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/03/17 18:20	
Acenaphthene	ug/kg	<3.9	12.9	07/03/17 18:20	
Acenaphthylene	ug/kg	<3.3	11.0	07/03/17 18:20	
Anthracene	ug/kg	<5.7	19.0	07/03/17 18:20	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/03/17 18:20	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/03/17 18:20	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/03/17 18:20	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/03/17 18:20	
Benzo(k)fluoranthene	ug/kg	<2.5	8.3	07/03/17 18:20	
Chrysene	ug/kg	<3.4	11.2	07/03/17 18:20	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	07/03/17 18:20	
Fluoranthene	ug/kg	<5.2	17.4	07/03/17 18:20	
Fluorene	ug/kg	<4.1	13.8	07/03/17 18:20	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/03/17 18:20	
Naphthalene	ug/kg	<8.4	28.1	07/03/17 18:20	
Phenanthrene	ug/kg	<11.6	38.7	07/03/17 18:20	
Pyrene	ug/kg	<4.5	15.0	07/03/17 18:20	
2-Fluorobiphenyl (S)	%	73	19-96	07/03/17 18:20	
Terphenyl-d14 (S)	%	84	31-98	07/03/17 18:20	

LABORATORY CONTROL SAMPLE: 1534590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	289	87	49-102	
2-Methylnaphthalene	ug/kg	334	285	85	47-91	
Acenaphthene	ug/kg	334	302	90	52-97	
Acenaphthylene	ug/kg	334	294	88	49-97	
Anthracene	ug/kg	334	311	93	62-101	
Benzo(a)anthracene	ug/kg	334	282	84	53-95	
Benzo(a)pyrene	ug/kg	334	317	95	57-108	
Benzo(b)fluoranthene	ug/kg	334	315	94	53-113	
Benzo(g,h,i)perylene	ug/kg	334	366	110	43-114	
Benzo(k)fluoranthene	ug/kg	334	316	95	66-116	
Chrysene	ug/kg	334	311	93	64-109	
Dibenz(a,h)anthracene	ug/kg	334	319	96	50-105	
Fluoranthene	ug/kg	334	298	89	58-107	
Fluorene	ug/kg	334	293	88	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	334	324	97	51-113	
Naphthalene	ug/kg	334	282	84	50-91	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

LABORATORY CONTROL SAMPLE: 1534590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	334	300	90	57-101	
Pyrene	ug/kg	334	283	85	50-102	
2-Fluorobiphenyl (S)	%			80	19-96	
Terphenyl-d14 (S)	%			85	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1534591 1534592

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152350002 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/kg	4.8J	393	393	302	291	76	73	37-102	4	29		
2-Methylnaphthalene	ug/kg	<5.9	393	393	282	287	71	72	44-91	2	36		
Acenaphthene	ug/kg	<4.6	393	393	293	308	75	78	46-97	5	26		
Acenaphthylene	ug/kg	<3.9	393	393	286	300	73	76	47-97	5	29		
Anthracene	ug/kg	<6.7	393	393	294	309	75	78	50-101	5	28		
Benzo(a)anthracene	ug/kg	<3.7	393	393	274	286	69	72	48-95	4	28		
Benzo(a)pyrene	ug/kg	<3.0	393	393	294	314	74	79	47-108	7	36		
Benzo(b)fluoranthene	ug/kg	<3.3	393	393	297	316	75	80	42-113	6	34		
Benzo(g,h,i)perylene	ug/kg	2.8J	393	393	330	345	83	87	18-114	5	30		
Benzo(k)fluoranthene	ug/kg	<3.0	393	393	297	319	75	81	50-116	7	27		
Chrysene	ug/kg	<4.0	393	393	294	307	74	77	55-109	4	28		
Dibenz(a,h)anthracene	ug/kg	<2.6	393	393	312	330	79	84	39-105	6	29		
Fluoranthene	ug/kg	<6.1	393	393	283	295	71	74	41-107	4	28		
Fluorene	ug/kg	<4.9	393	393	287	300	73	76	48-99	4	28		
Indeno(1,2,3-cd)pyrene	ug/kg	<2.6	393	393	308	324	79	82	27-113	5	30		
Naphthalene	ug/kg	<9.9	393	393	289	300	73	75	40-91	4	37		
Phenanthrene	ug/kg	<13.8	393	393	288	299	72	75	46-101	4	40		
Pyrene	ug/kg	<5.3	393	393	283	292	71	73	50-102	3	31		
2-Fluorobiphenyl (S)	%						62	63	19-96				
Terphenyl-d14 (S)	%						69	73	31-98				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

QC Batch: 259981

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152351001

SAMPLE DUPLICATE: 1531155

Parameter	Units	40152348007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	39.1	38.5	2	10	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

QC Batch: 260074

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152351002

SAMPLE DUPLICATE: 1532152

Parameter	Units	40152347004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.0	21.1	0	10	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

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QC Batch:	260250	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152351003, 40152351004, 40152351005, 40152351006		

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SAMPLE DUPLICATE: 1533171

Parameter	Units	40152351004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.1	13.1	0	10	

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152351

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152351

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152351005	TWB-4C (2-4)	EPA 3050	260114	EPA 6010	260207
40152351006	TWB-4C (6-8)	EPA 3050	260114	EPA 6010	260207
40152351001	TWB-4A (2-4)	EPA 3546	260368	EPA 8270 by SIM	260442
40152351002	TWB-4A (6-8)	EPA 3546	260368	EPA 8270 by SIM	260442
40152351003	TWB-4B (2-4)	EPA 3546	260368	EPA 8270 by SIM	260442
40152351004	TWB-4B (6-8)	EPA 3546	260368	EPA 8270 by SIM	260442
40152351005	TWB-4C (2-4)	EPA 3546	260368	EPA 8270 by SIM	260442
40152351006	TWB-4C (6-8)	EPA 3546	260368	EPA 8270 by SIM	260442
40152351001	TWB-4A (2-4)	EPA 5035/5030B	260168	EPA 8260	260171
40152351002	TWB-4A (6-8)	EPA 5035/5030B	260168	EPA 8260	260171
40152351003	TWB-4B (2-4)	EPA 5035/5030B	260168	EPA 8260	260171
40152351004	TWB-4B (6-8)	EPA 5035/5030B	260168	EPA 8260	260171
40152351005	TWB-4C (2-4)	EPA 5035/5030B	260168	EPA 8260	260171
40152351006	TWB-4C (6-8)	EPA 5035/5030B	260168	EPA 8260	260171
40152351001	TWB-4A (2-4)	ASTM D2974-87	259981		
40152351002	TWB-4A (6-8)	ASTM D2974-87	260074		
40152351003	TWB-4B (2-4)	ASTM D2974-87	260250		
40152351004	TWB-4B (6-8)	ASTM D2974-87	260250		
40152351005	TWB-4C (2-4)	ASTM D2974-87	260250		
40152351006	TWB-4C (6-8)	ASTM D2974-87	260250		

**REPORT OF LABORATORY ANALYSIS**

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## CHAIN-OF-CUSTODY / Analytical Request Document

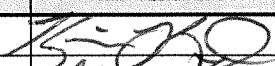
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40152351

SSM

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page: _____ of _____	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:		<b>REGULATORY AGENCY</b> <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:			
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:			
Phone: 262-544-0118   Fax:		Project Name: The Couture		Pace Quote Reference:		<b>Site Location</b> STATE: WI	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:			
				Pace Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes	MATRIX CODE	SAMPLE TYPE	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.								
					COMPOSITE START		COMPOSITE END/GRAB				Analysis Test	VOC	PAH	Arsenic	Lead	Selenium	Mercury													
					DATE	TIME	DATE	TIME										Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>			HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other			
																		MATRIX CODE (see valid codes to left)	(G=GRAB C=COMP)											
1	TWB-4A	(2-4) 001	SL	G	6/23/17	9:35			2	x																				
2	TWB-4A	(6-9) 002	SL	G		9:40			2	x																				
3	TWB-4B	(2-4) 003	SL	G		9:45			2	x																				
4	TWB-4B	(6-9) 004	SL	G		9:50			2	x																				
5	TWB-4C	(2-4) 005	SL	G		9:55			2	x																				
6	TWB-4C	(6-9) 006	SL	G		10:00			2	x																				
7			SL	G					2	x																				
8			SL	G					2	x																				
9			SL	G					2	x																				
10			SL	G					2	x																				
11			SL	G					2	x																				
12			SL	G					2	x																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS						
	 / Giles	6/26/17	9:00	Mary Janmin	6/26/17	11:20							
	Mary Janmin	6/26/17	12:30										
	(S Logistics)	6/27/17	0800	Alvaro Cruz PCE	6/27/17	0800	1.5	Y	Y	Y			

<b>SAMPLER NAME AND SIGNATURE</b>		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden					
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY):				



**Sample Condition Upon Receipt**

Pace Analytical Services, LLC. - Green Bay WI  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302

Project #:

**WO# : 40152351**

Client Name: Giles



Courier:  Fed Ex  UPS  Client  Pace Other: CS Logistics

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used 2-100 Type of Ice:  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1 / Corr: 1.5 Biological Tissue is Frozen:  yes

Temp Blank Present:  yes  no  no

Person examining contents:  
Date: 6/21/17  
Initials: DMW

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

**Comments:**

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>5</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

**Client Notification/ Resolution:**

If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review:

Final for DM

Date: 7/3/17

July 19, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on June 23, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152219001	B-30 2-4	Solid	06/21/17 08:55	06/23/17 09:20
40152219002	B-30 6-8	Solid	06/21/17 09:00	06/23/17 09:20
40152219003	B-30 8-10	Solid	06/21/17 09:05	06/23/17 09:20
40152219004	B-31 2-4	Solid	06/21/17 09:45	06/23/17 09:20
40152219005	B-31 6-8	Solid	06/21/17 09:50	06/23/17 09:20
40152219006	B-31 8-10	Solid	06/21/17 09:55	06/23/17 09:20
40152219007	B-32 0-2	Solid	06/21/17 10:50	06/23/17 09:20
40152219008	B-32 8-10	Solid	06/21/17 10:55	06/23/17 09:20
40152219009	B-32 10-12	Solid	06/21/17 11:00	06/23/17 09:20
40152219010	B-10A 2-4	Solid	06/21/17 12:00	06/23/17 09:20
40152219011	B-10A 6-8	Solid	06/21/17 12:05	06/23/17 09:20
40152219012	B-10A 8-10	Solid	06/21/17 12:10	06/23/17 09:20
40152219013	B-10B 2-4	Solid	06/21/17 13:05	06/23/17 09:20
40152219014	B-10B 6-8	Solid	06/21/17 13:10	06/23/17 09:20
40152219015	B-10B 8-10	Solid	06/21/17 13:15	06/23/17 09:20
40152219016	B-10C 2-4	Solid	06/21/17 14:20	06/23/17 09:20
40152219017	B-10C 6-8	Solid	06/21/17 14:25	06/23/17 09:20
40152219018	B-10C 8-10	Solid	06/21/17 14:30	06/23/17 09:20

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152219001	B-30 2-4	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40152219002	B-30 6-8	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40152219003	B-30 8-10	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40152219004	B-31 2-4	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40152219005	B-31 6-8	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40152219006	B-31 8-10	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40152219007	B-32 0-2	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
40152219008	B-32 8-10	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152219009	B-32 10-12	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
		EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
40152219010	B-10A 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152219011	B-10A 6-8	ASTM D2974-87	KJR	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152219012	B-10A 8-10	ASTM D2974-87	KJR	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152219013	B-10B 2-4	ASTM D2974-87	KJR	1	PASI-G
		EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152219014	B-10B 6-8	ASTM D2974-87	KJR	1	PASI-G
		EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152219015	B-10B 8-10	ASTM D2974-87	KJR	1	PASI-G
		EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152219016	B-10C 2-4	ASTM D2974-87	KJR	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152219017	B-10C 6-8	ASTM D2974-87	KJR	1	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		EPA 8260	SMT	63	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152219018	B-10C 8-10	ASTM D2974-87	KJR	1	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KJR	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152219001</b>	<b>B-30 2-4</b>					
EPA 6010	Arsenic	5.8	mg/kg	5.4	06/27/17 18:12	
EPA 6010	Lead	97.5	mg/kg	1.4	06/27/17 18:12	
EPA 7471	Mercury	0.64	mg/kg	0.040	06/27/17 15:51	MO
EPA 8270 by SIM	Acenaphthene	33.4	ug/kg	13.9	06/28/17 19:47	
EPA 8270 by SIM	Acenaphthylene	23.1	ug/kg	11.9	06/28/17 19:47	
EPA 8270 by SIM	Anthracene	122	ug/kg	20.5	06/28/17 19:47	
EPA 8270 by SIM	Benzo(a)anthracene	374	ug/kg	11.4	06/28/17 19:47	
EPA 8270 by SIM	Benzo(a)pyrene	392	ug/kg	9.0	06/28/17 19:47	
EPA 8270 by SIM	Benzo(b)fluoranthene	662	ug/kg	10.2	06/28/17 19:47	
EPA 8270 by SIM	Benzo(g,h,i)perylene	72.3	ug/kg	7.3	06/28/17 19:47	
EPA 8270 by SIM	Benzo(k)fluoranthene	178	ug/kg	9.0	06/28/17 19:47	
EPA 8270 by SIM	Chrysene	349	ug/kg	12.1	06/28/17 19:47	
EPA 8270 by SIM	Dibenz(a,h)anthracene	31.6	ug/kg	8.0	06/28/17 19:47	
EPA 8270 by SIM	Fluoranthene	808	ug/kg	18.8	06/28/17 19:47	
EPA 8270 by SIM	Fluorene	40.1	ug/kg	14.9	06/28/17 19:47	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	86.0	ug/kg	7.9	06/28/17 19:47	
EPA 8270 by SIM	1-Methylnaphthalene	38.2	ug/kg	14.5	06/28/17 19:47	
EPA 8270 by SIM	2-Methylnaphthalene	52.4	ug/kg	18.0	06/28/17 19:47	B
EPA 8270 by SIM	Naphthalene	51.1	ug/kg	30.4	06/28/17 19:47	
EPA 8270 by SIM	Phenanthrene	436	ug/kg	41.9	06/28/17 19:47	
EPA 8270 by SIM	Pyrene	609	ug/kg	16.2	06/28/17 19:47	
EPA 8260	Benzene	97.3	ug/kg	64.9	06/28/17 11:02	
EPA 8260	n-Butylbenzene	68.1	ug/kg	64.9	06/28/17 11:02	
EPA 8260	Ethylbenzene	94.7	ug/kg	64.9	06/28/17 11:02	
EPA 8260	Methylene Chloride	53.7J	ug/kg	64.9	06/28/17 11:02	
EPA 8260	Naphthalene	184J	ug/kg	270	06/28/17 11:02	
EPA 8260	n-Propylbenzene	169	ug/kg	64.9	06/28/17 11:02	
EPA 8260	Toluene	51.6J	ug/kg	64.9	06/28/17 11:02	
EPA 8260	1,2,4-Trimethylbenzene	211	ug/kg	64.9	06/28/17 11:02	
EPA 8260	1,3,5-Trimethylbenzene	132	ug/kg	64.9	06/28/17 11:02	
EPA 8260	Xylene (Total)	234	ug/kg	195	06/28/17 11:02	
ASTM D2974-87	Percent Moisture	7.6	%	0.10	06/26/17 14:04	
<b>40152219002</b>	<b>B-30 6-8</b>					
EPA 6010	Arsenic	3.1J	mg/kg	5.4	06/27/17 18:14	
EPA 6010	Lead	38.8	mg/kg	1.4	06/27/17 18:14	
EPA 7471	Mercury	0.12	mg/kg	0.040	06/27/17 15:58	
EPA 8270 by SIM	Benzo(a)anthracene	11.3J	ug/kg	12.1	06/28/17 20:04	
EPA 8270 by SIM	Benzo(a)pyrene	11.7	ug/kg	9.6	06/28/17 20:04	
EPA 8270 by SIM	Benzo(b)fluoranthene	18.6	ug/kg	10.7	06/28/17 20:04	
EPA 8270 by SIM	Benzo(g,h,i)perylene	3.9J	ug/kg	7.7	06/28/17 20:04	
EPA 8270 by SIM	Benzo(k)fluoranthene	6.4J	ug/kg	9.5	06/28/17 20:04	
EPA 8270 by SIM	Chrysene	10.1J	ug/kg	12.8	06/28/17 20:04	
EPA 8270 by SIM	Fluoranthene	19.8J	ug/kg	19.9	06/28/17 20:04	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	3.1J	ug/kg	8.4	06/28/17 20:04	
EPA 8270 by SIM	Pyrene	17.2	ug/kg	17.1	06/28/17 20:04	
ASTM D2974-87	Percent Moisture	12.3	%	0.10	06/26/17 14:04	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152219003</b>	<b>B-30 8-10</b>					
EPA 6010	Arsenic	3.1J	mg/kg	5.9	06/27/17 18:00	
EPA 6010	Lead	3.0	mg/kg	1.5	06/27/17 18:00	
EPA 8270 by SIM	Chrysene	5.1J	ug/kg	13.2	06/28/17 19:10	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	06/26/17 14:04	
<b>40152219004</b>	<b>B-31 2-4</b>					
EPA 6010	Arsenic	4.6	mg/kg	4.6	06/27/17 18:17	
EPA 6010	Lead	36.0	mg/kg	1.2	06/27/17 18:17	
EPA 7471	Mercury	0.15	mg/kg	0.039	06/27/17 16:10	
EPA 8270 by SIM	Acenaphthene	278	ug/kg	138	07/18/17 15:42	
EPA 8270 by SIM	Anthracene	707	ug/kg	204	07/18/17 15:42	
EPA 8270 by SIM	Benzo(a)anthracene	885	ug/kg	114	07/18/17 15:42	
EPA 8270 by SIM	Benzo(a)pyrene	813	ug/kg	89.7	07/18/17 15:42	
EPA 8270 by SIM	Benzo(b)fluoranthene	1050	ug/kg	101	07/18/17 15:42	
EPA 8270 by SIM	Benzo(g,h,i)perylene	539	ug/kg	72.5	07/18/17 15:42	
EPA 8270 by SIM	Benzo(k)fluoranthene	416	ug/kg	89.6	07/18/17 15:42	
EPA 8270 by SIM	Chrysene	926	ug/kg	120	07/18/17 15:42	
EPA 8270 by SIM	Dibenz(a,h)anthracene	124	ug/kg	79.8	07/18/17 15:42	
EPA 8270 by SIM	Fluoranthene	2640	ug/kg	186	07/18/17 15:42	
EPA 8270 by SIM	Fluorene	233	ug/kg	148	07/18/17 15:42	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	456	ug/kg	78.5	07/18/17 15:42	
EPA 8270 by SIM	1-Methylnaphthalene	73.0J	ug/kg	144	07/18/17 15:42	
EPA 8270 by SIM	2-Methylnaphthalene	80.9J	ug/kg	179	07/18/17 15:42	B
EPA 8270 by SIM	Phenanthrene	2160	ug/kg	416	07/18/17 15:42	
EPA 8270 by SIM	Pyrene	1860	ug/kg	161	07/18/17 15:42	
ASTM D2974-87	Percent Moisture	6.5	%	0.10	06/26/17 14:04	
<b>40152219005</b>	<b>B-31 6-8</b>					
EPA 6010	Arsenic	6.1	mg/kg	5.4	06/27/17 18:19	
EPA 6010	Lead	64.7	mg/kg	1.4	06/27/17 18:19	
EPA 7471	Mercury	0.13	mg/kg	0.038	06/27/17 16:12	
EPA 8270 by SIM	Acenaphthene	37.7	ug/kg	14.2	06/28/17 20:38	
EPA 8270 by SIM	Acenaphthylene	27.2	ug/kg	12.1	06/28/17 20:38	
EPA 8270 by SIM	Anthracene	112	ug/kg	20.9	06/28/17 20:38	
EPA 8270 by SIM	Benzo(a)anthracene	324	ug/kg	11.7	06/28/17 20:38	
EPA 8270 by SIM	Benzo(a)pyrene	355	ug/kg	9.2	06/28/17 20:38	
EPA 8270 by SIM	Benzo(b)fluoranthene	656	ug/kg	10.4	06/28/17 20:38	
EPA 8270 by SIM	Benzo(g,h,i)perylene	55.9	ug/kg	7.5	06/28/17 20:38	
EPA 8270 by SIM	Benzo(k)fluoranthene	198	ug/kg	9.2	06/28/17 20:38	
EPA 8270 by SIM	Chrysene	325	ug/kg	12.3	06/28/17 20:38	
EPA 8270 by SIM	Dibenz(a,h)anthracene	26.2	ug/kg	8.2	06/28/17 20:38	
EPA 8270 by SIM	Fluoranthene	609	ug/kg	19.2	06/28/17 20:38	
EPA 8270 by SIM	Fluorene	33.8	ug/kg	15.2	06/28/17 20:38	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	70.1	ug/kg	8.1	06/28/17 20:38	
EPA 8270 by SIM	1-Methylnaphthalene	57.9	ug/kg	14.8	06/28/17 20:38	
EPA 8270 by SIM	2-Methylnaphthalene	67.6	ug/kg	18.4	06/28/17 20:38	
EPA 8270 by SIM	Naphthalene	65.3	ug/kg	31.0	06/28/17 20:38	
EPA 8270 by SIM	Phenanthrene	486	ug/kg	42.8	06/28/17 20:38	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152219005</b>	<b>B-31 6-8</b>					
EPA 8270 by SIM	Pyrene	520	ug/kg	16.5	06/28/17 20:38	
ASTM D2974-87	Percent Moisture	9.2	%	0.10	06/26/17 14:04	
<b>40152219006</b>	<b>B-31 8-10</b>					
EPA 6010	Arsenic	3.7J	mg/kg	5.7	06/27/17 18:22	
EPA 6010	Lead	17.9	mg/kg	1.5	06/27/17 18:22	
EPA 7471	Mercury	0.037J	mg/kg	0.041	06/27/17 16:14	
EPA 8270 by SIM	Benzo(a)pyrene	3.6J	ug/kg	10.0	06/28/17 19:28	
EPA 8270 by SIM	Benzo(b)fluoranthene	3.8J	ug/kg	11.3	06/28/17 19:28	
EPA 8270 by SIM	Benzo(k)fluoranthene	3.1J	ug/kg	10.0	06/28/17 19:28	
EPA 8270 by SIM	Chrysene	4.3J	ug/kg	13.4	06/28/17 19:28	
EPA 8270 by SIM	Fluoranthene	7.4J	ug/kg	20.9	06/28/17 19:28	
EPA 8270 by SIM	Pyrene	6.6J	ug/kg	18.0	06/28/17 19:28	
ASTM D2974-87	Percent Moisture	16.8	%	0.10	06/26/17 14:04	
<b>40152219007</b>	<b>B-32 0-2</b>					
EPA 6010	Arsenic	15.4	mg/kg	5.4	06/27/17 18:24	
EPA 6010	Lead	333	mg/kg	1.4	06/27/17 18:24	
EPA 7471	Mercury	0.38	mg/kg	0.042	06/27/17 16:17	
EPA 8270 by SIM	Acenaphthene	27.9	ug/kg	15.1	06/28/17 20:55	
EPA 8270 by SIM	Acenaphthylene	45.3	ug/kg	12.9	06/28/17 20:55	
EPA 8270 by SIM	Anthracene	258	ug/kg	22.3	06/28/17 20:55	
EPA 8270 by SIM	Benzo(a)anthracene	268	ug/kg	12.4	06/28/17 20:55	
EPA 8270 by SIM	Benzo(a)pyrene	343	ug/kg	9.8	06/28/17 20:55	
EPA 8270 by SIM	Benzo(b)fluoranthene	704	ug/kg	11.0	06/28/17 20:55	
EPA 8270 by SIM	Benzo(g,h,i)perylene	65.2	ug/kg	7.9	06/28/17 20:55	
EPA 8270 by SIM	Benzo(k)fluoranthene	212	ug/kg	9.8	06/28/17 20:55	
EPA 8270 by SIM	Chrysene	443	ug/kg	13.1	06/28/17 20:55	
EPA 8270 by SIM	Dibenz(a,h)anthracene	24.9	ug/kg	8.7	06/28/17 20:55	
EPA 8270 by SIM	Fluoranthene	705	ug/kg	20.4	06/28/17 20:55	
EPA 8270 by SIM	Fluorene	28.0	ug/kg	16.2	06/28/17 20:55	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	63.5	ug/kg	8.6	06/28/17 20:55	
EPA 8270 by SIM	1-Methylnaphthalene	288	ug/kg	15.7	06/28/17 20:55	
EPA 8270 by SIM	2-Methylnaphthalene	350	ug/kg	19.6	06/28/17 20:55	
EPA 8270 by SIM	Naphthalene	314	ug/kg	33.0	06/28/17 20:55	
EPA 8270 by SIM	Phenanthrene	693	ug/kg	45.5	06/28/17 20:55	
EPA 8270 by SIM	Pyrene	578	ug/kg	17.6	06/28/17 20:55	
EPA 8260	Methylene Chloride	29.9J	ug/kg	70.3	06/26/17 18:37	
EPA 8260	Naphthalene	86.6J	ug/kg	293	06/26/17 18:37	
EPA 8260	Toluene	73.0	ug/kg	70.3	06/26/17 18:37	
EPA 8260	1,2,4-Trimethylbenzene	46.2J	ug/kg	70.3	06/26/17 18:37	
EPA 8260	1,3,5-Trimethylbenzene	30.7J	ug/kg	70.3	06/26/17 18:37	
EPA 8260	Xylene (Total)	158J	ug/kg	211	06/26/17 18:37	
ASTM D2974-87	Percent Moisture	14.7	%	0.10	06/26/17 14:04	
<b>40152219008</b>	<b>B-32 8-10</b>					
EPA 6010	Arsenic	5.6	mg/kg	5.1	06/27/17 18:27	
EPA 6010	Lead	15.7	mg/kg	1.3	06/27/17 18:27	
EPA 7471	Mercury	0.019J	mg/kg	0.041	06/27/17 16:19	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152219008</b>	<b>B-32 8-10</b>					
ASTM D2974-87	Percent Moisture	17.2	%	0.10	06/26/17 15:43	
<b>40152219009</b>	<b>B-32 10-12</b>					
EPA 6010	Arsenic	5.0J	mg/kg	6.1	06/27/17 18:29	
EPA 6010	Lead	10.1	mg/kg	1.6	06/27/17 18:29	
ASTM D2974-87	Percent Moisture	19.5	%	0.10	06/26/17 15:43	
<b>40152219010</b>	<b>B-10A 2-4</b>					
EPA 8270 by SIM	Acenaphthene	39.4J	ug/kg	57.6	07/17/17 15:54	
EPA 8270 by SIM	Acenaphthylene	59.4	ug/kg	49.1	07/17/17 15:54	
EPA 8270 by SIM	Anthracene	136	ug/kg	84.9	07/17/17 15:54	
EPA 8270 by SIM	Benzo(a)anthracene	497	ug/kg	47.4	07/17/17 15:54	
EPA 8270 by SIM	Benzo(a)pyrene	494	ug/kg	37.4	07/17/17 15:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	749	ug/kg	42.0	07/17/17 15:54	
EPA 8270 by SIM	Benzo(g,h,i)perylene	263	ug/kg	30.2	07/17/17 15:54	
EPA 8270 by SIM	Benzo(k)fluoranthene	264	ug/kg	37.3	07/17/17 15:54	
EPA 8270 by SIM	Chrysene	586	ug/kg	50.0	07/17/17 15:54	
EPA 8270 by SIM	Dibenz(a,h)anthracene	93.3	ug/kg	33.3	07/17/17 15:54	
EPA 8270 by SIM	Fluoranthene	1020	ug/kg	77.7	07/17/17 15:54	
EPA 8270 by SIM	Fluorene	47.4J	ug/kg	61.6	07/17/17 15:54	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	260	ug/kg	32.7	07/17/17 15:54	
EPA 8270 by SIM	1-Methylnaphthalene	104	ug/kg	59.9	07/17/17 15:54	
EPA 8270 by SIM	2-Methylnaphthalene	123	ug/kg	74.6	07/17/17 15:54	
EPA 8270 by SIM	Naphthalene	111J	ug/kg	126	07/17/17 15:54	
EPA 8270 by SIM	Phenanthrene	720	ug/kg	173	07/17/17 15:54	
EPA 8270 by SIM	Pyrene	777	ug/kg	67.0	07/17/17 15:54	
ASTM D2974-87	Percent Moisture	10.4	%	0.10	06/26/17 15:43	
<b>40152219011</b>	<b>B-10A 6-8</b>					
EPA 8270 by SIM	Acenaphthene	97.0	ug/kg	57.0	07/10/17 19:06	
EPA 8270 by SIM	Acenaphthylene	33.6J	ug/kg	48.6	07/10/17 19:06	
EPA 8270 by SIM	Anthracene	236	ug/kg	83.9	07/10/17 19:06	
EPA 8270 by SIM	Benzo(a)anthracene	628	ug/kg	46.8	07/10/17 19:06	
EPA 8270 by SIM	Benzo(a)pyrene	614	ug/kg	37.0	07/10/17 19:06	
EPA 8270 by SIM	Benzo(b)fluoranthene	828	ug/kg	41.6	07/10/17 19:06	
EPA 8270 by SIM	Benzo(g,h,i)perylene	247	ug/kg	29.9	07/10/17 19:06	
EPA 8270 by SIM	Benzo(k)fluoranthene	330	ug/kg	36.9	07/10/17 19:06	
EPA 8270 by SIM	Chrysene	627	ug/kg	49.5	07/10/17 19:06	
EPA 8270 by SIM	Dibenz(a,h)anthracene	85.1	ug/kg	32.9	07/10/17 19:06	
EPA 8270 by SIM	Fluoranthene	1320	ug/kg	76.8	07/10/17 19:06	
EPA 8270 by SIM	Fluorene	77.6	ug/kg	60.9	07/10/17 19:06	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	257	ug/kg	32.4	07/10/17 19:06	
EPA 8270 by SIM	1-Methylnaphthalene	49.6J	ug/kg	59.2	07/10/17 19:06	
EPA 8270 by SIM	2-Methylnaphthalene	59.7J	ug/kg	73.8	07/10/17 19:06	
EPA 8270 by SIM	Naphthalene	72.3J	ug/kg	124	07/10/17 19:06	
EPA 8270 by SIM	Phenanthrene	896	ug/kg	171	07/10/17 19:06	
EPA 8270 by SIM	Pyrene	1080	ug/kg	66.2	07/10/17 19:06	
EPA 8260	Benzene	50.2J	ug/kg	66.4	06/27/17 09:33	
ASTM D2974-87	Percent Moisture	9.6	%	0.10	06/26/17 15:43	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152219012</b>	<b>B-10A 8-10</b>					
EPA 8270 by SIM	Acenaphthene	21.4	ug/kg	13.8	07/03/17 21:11	
EPA 8270 by SIM	Acenaphthylene	18.5	ug/kg	11.7	07/03/17 21:11	
EPA 8270 by SIM	Anthracene	79.4	ug/kg	20.3	07/03/17 21:11	
EPA 8270 by SIM	Benzo(a)anthracene	218	ug/kg	11.3	07/03/17 21:11	
EPA 8270 by SIM	Benzo(a)pyrene	245	ug/kg	8.9	07/03/17 21:11	
EPA 8270 by SIM	Benzo(b)fluoranthene	306	ug/kg	10.0	07/03/17 21:11	
EPA 8270 by SIM	Benzo(g,h,i)perylene	211	ug/kg	7.2	07/03/17 21:11	
EPA 8270 by SIM	Benzo(k)fluoranthene	128	ug/kg	8.9	07/03/17 21:11	
EPA 8270 by SIM	Chrysene	218	ug/kg	11.9	07/03/17 21:11	
EPA 8270 by SIM	Dibenz(a,h)anthracene	45.8	ug/kg	7.9	07/03/17 21:11	
EPA 8270 by SIM	Fluoranthene	490	ug/kg	18.6	07/03/17 21:11	
EPA 8270 by SIM	Fluorene	21.9	ug/kg	14.7	07/03/17 21:11	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	166	ug/kg	7.8	07/03/17 21:11	
EPA 8270 by SIM	1-Methylnaphthalene	17.1	ug/kg	14.3	07/03/17 21:11	
EPA 8270 by SIM	2-Methylnaphthalene	22.3	ug/kg	17.8	07/03/17 21:11	
EPA 8270 by SIM	Naphthalene	17.9J	ug/kg	30.0	07/03/17 21:11	
EPA 8270 by SIM	Phenanthrene	233	ug/kg	41.4	07/03/17 21:11	
EPA 8270 by SIM	Pyrene	365	ug/kg	16.0	07/03/17 21:11	
EPA 8260	Benzene	42.5J	ug/kg	63.9	06/27/17 16:05	
EPA 8260	Toluene	30.5J	ug/kg	63.9	06/27/17 16:05	
ASTM D2974-87	Percent Moisture	6.1	%	0.10	06/26/17 15:43	
<b>40152219013</b>	<b>B-10B 2-4</b>					
EPA 6010	Arsenic	5.7	mg/kg	4.8	06/27/17 18:32	
EPA 6010	Lead	66.2	mg/kg	1.3	06/27/17 18:32	
EPA 7471	Mercury	0.087	mg/kg	0.037	06/27/17 16:24	
EPA 8270 by SIM	Acenaphthene	420	ug/kg	278	07/13/17 09:53	
EPA 8270 by SIM	Acenaphthylene	316	ug/kg	237	07/13/17 09:53	
EPA 8270 by SIM	Anthracene	1160	ug/kg	410	07/13/17 09:53	
EPA 8270 by SIM	Benzo(a)anthracene	1220	ug/kg	229	07/13/17 09:53	
EPA 8270 by SIM	Benzo(a)pyrene	1010	ug/kg	180	07/13/17 09:53	
EPA 8270 by SIM	Benzo(b)fluoranthene	1200	ug/kg	203	07/13/17 09:53	
EPA 8270 by SIM	Benzo(g,h,i)perylene	662	ug/kg	146	07/13/17 09:53	
EPA 8270 by SIM	Benzo(k)fluoranthene	543	ug/kg	180	07/13/17 09:53	
EPA 8270 by SIM	Chrysene	1170	ug/kg	241	07/13/17 09:53	
EPA 8270 by SIM	Dibenz(a,h)anthracene	162	ug/kg	161	07/13/17 09:53	
EPA 8270 by SIM	Fluoranthene	2990	ug/kg	375	07/13/17 09:53	
EPA 8270 by SIM	Fluorene	751	ug/kg	298	07/13/17 09:53	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	506	ug/kg	158	07/13/17 09:53	
EPA 8270 by SIM	1-Methylnaphthalene	393	ug/kg	289	07/13/17 09:53	
EPA 8270 by SIM	2-Methylnaphthalene	448	ug/kg	360	07/13/17 09:53	
EPA 8270 by SIM	Naphthalene	779	ug/kg	606	07/13/17 09:53	
EPA 8270 by SIM	Phenanthrene	3400	ug/kg	837	07/13/17 09:53	
EPA 8270 by SIM	Pyrene	2190	ug/kg	323	07/13/17 09:53	
EPA 8260	Benzene	30.2J	ug/kg	65.4	06/27/17 16:27	
EPA 8260	Naphthalene	64.0J	ug/kg	273	06/27/17 16:27	
EPA 8260	Toluene	55.0J	ug/kg	65.4	06/27/17 16:27	
ASTM D2974-87	Percent Moisture	7.4	%	0.10	06/26/17 15:43	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152219014</b>	<b>B-10B 6-8</b>					
EPA 6010	Arsenic	4.7J	mg/kg	5.2	06/27/17 18:39	
EPA 6010	Lead	7.3	mg/kg	1.4	06/27/17 18:39	
EPA 8270 by SIM	Benzo(a)anthracene	4.4J	ug/kg	12.2	06/29/17 19:46	
EPA 8270 by SIM	Benzo(k)fluoranthene	3.1J	ug/kg	9.6	06/29/17 19:46	
EPA 8270 by SIM	2-Methylnaphthalene	6.3J	ug/kg	19.2	06/29/17 19:46	
ASTM D2974-87	Percent Moisture	13.0	%	0.10	06/26/17 15:43	
<b>40152219015</b>	<b>B-10B 8-10</b>					
EPA 6010	Arsenic	4.1J	mg/kg	4.9	06/27/17 18:41	
EPA 6010	Lead	7.7	mg/kg	1.3	06/27/17 18:41	
ASTM D2974-87	Percent Moisture	7.3	%	0.10	06/26/17 15:43	
<b>40152219016</b>	<b>B-10C 2-4</b>					
EPA 8270 by SIM	Acenaphthene	45.7	ug/kg	15.1	06/29/17 19:29	
EPA 8270 by SIM	Acenaphthylene	53.8	ug/kg	12.8	06/29/17 19:29	
EPA 8270 by SIM	Anthracene	126	ug/kg	22.2	06/29/17 19:29	
EPA 8270 by SIM	Benzo(a)anthracene	292	ug/kg	12.4	06/29/17 19:29	
EPA 8270 by SIM	Benzo(a)pyrene	238	ug/kg	9.8	06/29/17 19:29	
EPA 8270 by SIM	Benzo(b)fluoranthene	683	ug/kg	11.0	06/29/17 19:29	
EPA 8270 by SIM	Benzo(g,h,i)perylene	18.0	ug/kg	7.9	06/29/17 19:29	
EPA 8270 by SIM	Benzo(k)fluoranthene	668	ug/kg	9.8	06/29/17 19:29	
EPA 8270 by SIM	Chrysene	307	ug/kg	13.1	06/29/17 19:29	
EPA 8270 by SIM	Fluoranthene	559	ug/kg	20.3	06/29/17 19:29	
EPA 8270 by SIM	Fluorene	29.7	ug/kg	16.1	06/29/17 19:29	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	27.7	ug/kg	8.6	06/29/17 19:29	
EPA 8270 by SIM	1-Methylnaphthalene	239	ug/kg	15.6	06/29/17 19:29	
EPA 8270 by SIM	2-Methylnaphthalene	241	ug/kg	19.5	06/29/17 19:29	
EPA 8270 by SIM	Naphthalene	211	ug/kg	32.8	06/29/17 19:29	
EPA 8270 by SIM	Phenanthrene	687	ug/kg	45.3	06/29/17 19:29	
EPA 8270 by SIM	Pyrene	502	ug/kg	17.5	06/29/17 19:29	
EPA 8260	p-Isopropyltoluene	73.7	ug/kg	70.1	06/27/17 19:40	
EPA 8260	Toluene	51.5J	ug/kg	70.1	06/27/17 19:40	
EPA 8260	1,2,4-Trimethylbenzene	31.5J	ug/kg	70.1	06/27/17 19:40	
ASTM D2974-87	Percent Moisture	14.4	%	0.10	06/26/17 15:44	
<b>40152219017</b>	<b>B-10C 6-8</b>					
ASTM D2974-87	Percent Moisture	13.1	%	0.10	06/26/17 15:44	
<b>40152219018</b>	<b>B-10C 8-10</b>					
ASTM D2974-87	Percent Moisture	12.3	%	0.10	06/26/17 15:44	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

**Sample: B-30 2-4**      **Lab ID: 40152219001**      Collected: 06/21/17 08:55      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	5.8	mg/kg	5.4	1.1	1	06/26/17 14:35	06/27/17 18:12	7440-38-2	
Lead	97.5	mg/kg	1.4	0.47	1	06/26/17 14:35	06/27/17 18:12	7439-92-1	
Selenium	<1.2	mg/kg	5.4	1.2	1	06/26/17 14:35	06/27/17 18:12	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.64	mg/kg	0.040	0.012	1	06/27/17 06:59	06/27/17 15:51	7439-97-6	M0
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	33.4	ug/kg	13.9	4.2	1	06/27/17 09:57	06/28/17 19:47	83-32-9	
Acenaphthylene	23.1	ug/kg	11.9	3.6	1	06/27/17 09:57	06/28/17 19:47	208-96-8	
Anthracene	122	ug/kg	20.5	6.2	1	06/27/17 09:57	06/28/17 19:47	120-12-7	
Benzo(a)anthracene	374	ug/kg	11.4	3.4	1	06/27/17 09:57	06/28/17 19:47	56-55-3	
Benzo(a)pyrene	392	ug/kg	9.0	2.7	1	06/27/17 09:57	06/28/17 19:47	50-32-8	
Benzo(b)fluoranthene	662	ug/kg	10.2	3.1	1	06/27/17 09:57	06/28/17 19:47	205-99-2	
Benzo(g,h,i)perylene	72.3	ug/kg	7.3	2.2	1	06/27/17 09:57	06/28/17 19:47	191-24-2	
Benzo(k)fluoranthene	178	ug/kg	9.0	2.7	1	06/27/17 09:57	06/28/17 19:47	207-08-9	
Chrysene	349	ug/kg	12.1	3.6	1	06/27/17 09:57	06/28/17 19:47	218-01-9	
Dibenz(a,h)anthracene	31.6	ug/kg	8.0	2.4	1	06/27/17 09:57	06/28/17 19:47	53-70-3	
Fluoranthene	808	ug/kg	18.8	5.6	1	06/27/17 09:57	06/28/17 19:47	206-44-0	
Fluorene	40.1	ug/kg	14.9	4.5	1	06/27/17 09:57	06/28/17 19:47	86-73-7	
Indeno(1,2,3-cd)pyrene	86.0	ug/kg	7.9	2.4	1	06/27/17 09:57	06/28/17 19:47	193-39-5	
1-Methylnaphthalene	38.2	ug/kg	14.5	4.3	1	06/27/17 09:57	06/28/17 19:47	90-12-0	
2-Methylnaphthalene	52.4	ug/kg	18.0	5.4	1	06/27/17 09:57	06/28/17 19:47	91-57-6	B
Naphthalene	51.1	ug/kg	30.4	9.1	1	06/27/17 09:57	06/28/17 19:47	91-20-3	
Phenanthrene	436	ug/kg	41.9	12.6	1	06/27/17 09:57	06/28/17 19:47	85-01-8	
Pyrene	609	ug/kg	16.2	4.9	1	06/27/17 09:57	06/28/17 19:47	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	57	%	19-96		1	06/27/17 09:57	06/28/17 19:47	321-60-8	
Terphenyl-d14 (S)	47	%	31-98		1	06/27/17 09:57	06/28/17 19:47	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	97.3	ug/kg	64.9	27.0	1	06/27/17 08:00	06/28/17 11:02	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/28/17 11:02	74-83-9	W
n-Butylbenzene	68.1	ug/kg	64.9	27.0	1	06/27/17 08:00	06/28/17 11:02	104-51-8	
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/28/17 11:02	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/28/17 11:02	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Sample: B-30 2-4 Lab ID: 40152219001 Collected: 06/21/17 08:55 Received: 06/23/17 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/28/17 11:02	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	108-20-3	W
Ethylbenzene	94.7	ug/kg	64.9	27.0	1	06/27/17 08:00	06/28/17 11:02	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	99-87-6	W
Methylene Chloride	53.7J	ug/kg	64.9	27.0	1	06/27/17 08:00	06/28/17 11:02	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	1634-04-4	W
Naphthalene	184J	ug/kg	270	43.3	1	06/27/17 08:00	06/28/17 11:02	91-20-3	
n-Propylbenzene	169	ug/kg	64.9	27.0	1	06/27/17 08:00	06/28/17 11:02	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	127-18-4	W
Toluene	51.6J	ug/kg	64.9	27.0	1	06/27/17 08:00	06/28/17 11:02	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/28/17 11:02	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	96-18-4	W
1,2,4-Trimethylbenzene	211	ug/kg	64.9	27.0	1	06/27/17 08:00	06/28/17 11:02	95-63-6	
1,3,5-Trimethylbenzene	132	ug/kg	64.9	27.0	1	06/27/17 08:00	06/28/17 11:02	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/28/17 11:02	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-30 2-4**      **Lab ID: 40152219001**      Collected: 06/21/17 08:55      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>234</b>	ug/kg	195	81.1	1	06/27/17 08:00	06/28/17 11:02	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	93	%	68-130		1	06/27/17 08:00	06/28/17 11:02	1868-53-7	
Toluene-d8 (S)	101	%	68-149		1	06/27/17 08:00	06/28/17 11:02	2037-26-5	
4-Bromofluorobenzene (S)	90	%	58-141		1	06/27/17 08:00	06/28/17 11:02	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>7.6</b>	%	0.10	0.10	1		06/26/17 14:04		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-30 6-8**      **Lab ID: 40152219002**      Collected: 06/21/17 09:00      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>3.1J</b>	mg/kg	5.4	1.1	1	06/26/17 14:35	06/27/17 18:14	7440-38-2	
Lead	<b>38.8</b>	mg/kg	1.4	0.46	1	06/26/17 14:35	06/27/17 18:14	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.4	1.2	1	06/26/17 14:35	06/27/17 18:14	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<b>0.12</b>	mg/kg	0.040	0.012	1	06/27/17 06:59	06/27/17 15:58	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.4</b>	ug/kg	14.7	4.4	1	06/27/17 09:57	06/28/17 20:04	83-32-9	
Acenaphthylene	<b>&lt;3.8</b>	ug/kg	12.6	3.8	1	06/27/17 09:57	06/28/17 20:04	208-96-8	
Anthracene	<b>&lt;6.5</b>	ug/kg	21.7	6.5	1	06/27/17 09:57	06/28/17 20:04	120-12-7	
Benzo(a)anthracene	<b>11.3J</b>	ug/kg	12.1	3.6	1	06/27/17 09:57	06/28/17 20:04	56-55-3	
Benzo(a)pyrene	<b>11.7</b>	ug/kg	9.6	2.9	1	06/27/17 09:57	06/28/17 20:04	50-32-8	
Benzo(b)fluoranthene	<b>18.6</b>	ug/kg	10.7	3.2	1	06/27/17 09:57	06/28/17 20:04	205-99-2	
Benzo(g,h,i)perylene	<b>3.9J</b>	ug/kg	7.7	2.3	1	06/27/17 09:57	06/28/17 20:04	191-24-2	
Benzo(k)fluoranthene	<b>6.4J</b>	ug/kg	9.5	2.9	1	06/27/17 09:57	06/28/17 20:04	207-08-9	
Chrysene	<b>10.1J</b>	ug/kg	12.8	3.9	1	06/27/17 09:57	06/28/17 20:04	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.6</b>	ug/kg	8.5	2.6	1	06/27/17 09:57	06/28/17 20:04	53-70-3	
Fluoranthene	<b>19.8J</b>	ug/kg	19.9	5.9	1	06/27/17 09:57	06/28/17 20:04	206-44-0	
Fluorene	<b>&lt;4.7</b>	ug/kg	15.8	4.7	1	06/27/17 09:57	06/28/17 20:04	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>3.1J</b>	ug/kg	8.4	2.5	1	06/27/17 09:57	06/28/17 20:04	193-39-5	
1-Methylnaphthalene	<b>&lt;4.6</b>	ug/kg	15.3	4.6	1	06/27/17 09:57	06/28/17 20:04	90-12-0	
2-Methylnaphthalene	<b>&lt;5.7</b>	ug/kg	19.1	5.7	1	06/27/17 09:57	06/28/17 20:04	91-57-6	
Naphthalene	<b>&lt;9.6</b>	ug/kg	32.1	9.6	1	06/27/17 09:57	06/28/17 20:04	91-20-3	
Phenanthrene	<b>&lt;13.3</b>	ug/kg	44.3	13.3	1	06/27/17 09:57	06/28/17 20:04	85-01-8	
Pyrene	<b>17.2</b>	ug/kg	17.1	5.2	1	06/27/17 09:57	06/28/17 20:04	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	19-96		1	06/27/17 09:57	06/28/17 20:04	321-60-8	
Terphenyl-d14 (S)	65	%	31-98		1	06/27/17 09:57	06/28/17 20:04	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/26/17 08:45	06/26/17 17:05	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/26/17 08:45	06/26/17 17:05	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/26/17 08:45	06/26/17 17:05	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Sample: B-30 6-8 Lab ID: 40152219002 Collected: 06/21/17 09:00 Received: 06/23/17 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/26/17 17:05	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/26/17 17:05	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/26/17 17:05	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:05	75-01-4	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-30 6-8**      **Lab ID: 40152219002**      Collected: 06/21/17 09:00      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/26/17 08:45	06/26/17 17:05	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	06/26/17 08:45	06/26/17 17:05	1868-53-7	
Toluene-d8 (S)	102	%	68-149		1	06/26/17 08:45	06/26/17 17:05	2037-26-5	
4-Bromofluorobenzene (S)	103	%	58-141		1	06/26/17 08:45	06/26/17 17:05	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>12.3</b>	%	0.10	0.10	1		06/26/17 14:04		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-30 8-10**      **Lab ID: 40152219003**      Collected: 06/21/17 09:05      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	3.1J	mg/kg	5.9	1.2	1	06/26/17 14:35	06/27/17 18:00	7440-38-2	
Lead	3.0	mg/kg	1.5	0.51	1	06/26/17 14:35	06/27/17 18:00	7439-92-1	
Selenium	<1.3	mg/kg	5.9	1.3	1	06/26/17 14:35	06/27/17 18:00	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<0.012	mg/kg	0.039	0.012	1	06/27/17 06:59	06/27/17 16:00	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.6	ug/kg	15.2	4.6	1	06/27/17 09:57	06/28/17 19:10	83-32-9	
Acenaphthylene	<3.9	ug/kg	13.0	3.9	1	06/27/17 09:57	06/28/17 19:10	208-96-8	
Anthracene	<6.7	ug/kg	22.4	6.7	1	06/27/17 09:57	06/28/17 19:10	120-12-7	
Benzo(a)anthracene	<3.7	ug/kg	12.5	3.7	1	06/27/17 09:57	06/28/17 19:10	56-55-3	
Benzo(a)pyrene	<3.0	ug/kg	9.9	3.0	1	06/27/17 09:57	06/28/17 19:10	50-32-8	
Benzo(b)fluoranthene	<3.3	ug/kg	11.1	3.3	1	06/27/17 09:57	06/28/17 19:10	205-99-2	
Benzo(g,h,i)perylene	<2.4	ug/kg	8.0	2.4	1	06/27/17 09:57	06/28/17 19:10	191-24-2	
Benzo(k)fluoranthene	<3.0	ug/kg	9.9	3.0	1	06/27/17 09:57	06/28/17 19:10	207-08-9	
Chrysene	5.1J	ug/kg	13.2	4.0	1	06/27/17 09:57	06/28/17 19:10	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.8	2.6	1	06/27/17 09:57	06/28/17 19:10	53-70-3	
Fluoranthene	<6.2	ug/kg	20.6	6.2	1	06/27/17 09:57	06/28/17 19:10	206-44-0	
Fluorene	<4.9	ug/kg	16.3	4.9	1	06/27/17 09:57	06/28/17 19:10	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.6	ug/kg	8.7	2.6	1	06/27/17 09:57	06/28/17 19:10	193-39-5	
1-Methylnaphthalene	<4.8	ug/kg	15.8	4.8	1	06/27/17 09:57	06/28/17 19:10	90-12-0	
2-Methylnaphthalene	<5.9	ug/kg	19.7	5.9	1	06/27/17 09:57	06/28/17 19:10	91-57-6	
Naphthalene	<9.9	ug/kg	33.2	9.9	1	06/27/17 09:57	06/28/17 19:10	91-20-3	
Phenanthrene	<13.8	ug/kg	45.8	13.8	1	06/27/17 09:57	06/28/17 19:10	85-01-8	
Pyrene	<5.3	ug/kg	17.7	5.3	1	06/27/17 09:57	06/28/17 19:10	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	19-96		1	06/27/17 09:57	06/28/17 19:10	321-60-8	
Terphenyl-d14 (S)	72	%	31-98		1	06/27/17 09:57	06/28/17 19:10	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/26/17 08:45	06/27/17 09:56	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/26/17 08:45	06/27/17 09:56	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/26/17 08:45	06/27/17 09:56	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Sample: B-30 8-10 Lab ID: 40152219003 Collected: 06/21/17 09:05 Received: 06/23/17 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/27/17 09:56	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/27/17 09:56	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/27/17 09:56	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:56	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

**Sample: B-30 8-10**      **Lab ID: 40152219003**      Collected: 06/21/17 09:05      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/26/17 08:45	06/27/17 09:56	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	68-130		1	06/26/17 08:45	06/27/17 09:56	1868-53-7	
Toluene-d8 (S)	100	%	68-149		1	06/26/17 08:45	06/27/17 09:56	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	06/26/17 08:45	06/27/17 09:56	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>15.2</b>	%	0.10	0.10	1		06/26/17 14:04		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

**Sample: B-31 2-4**      **Lab ID: 40152219004**      Collected: 06/21/17 09:45      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>4.6</b>	mg/kg	4.6	0.96	1	06/26/17 14:35	06/27/17 18:17	7440-38-2	
Lead	<b>36.0</b>	mg/kg	1.2	0.39	1	06/26/17 14:35	06/27/17 18:17	7439-92-1	
Selenium	<b>&lt;1.0</b>	mg/kg	4.6	1.0	1	06/26/17 14:35	06/27/17 18:17	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<b>0.15</b>	mg/kg	0.039	0.012	1	06/27/17 06:59	06/27/17 16:10	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>278</b>	ug/kg	138	41.6	10	06/27/17 09:57	07/18/17 15:42	83-32-9	
Acenaphthylene	<b>&lt;35.3</b>	ug/kg	118	35.3	10	06/27/17 09:57	07/18/17 15:42	208-96-8	
Anthracene	<b>707</b>	ug/kg	204	61.2	10	06/27/17 09:57	07/18/17 15:42	120-12-7	
Benzo(a)anthracene	<b>885</b>	ug/kg	114	34.0	10	06/27/17 09:57	07/18/17 15:42	56-55-3	
Benzo(a)pyrene	<b>813</b>	ug/kg	89.7	26.9	10	06/27/17 09:57	07/18/17 15:42	50-32-8	
Benzo(b)fluoranthene	<b>1050</b>	ug/kg	101	30.3	10	06/27/17 09:57	07/18/17 15:42	205-99-2	
Benzo(g,h,i)perylene	<b>539</b>	ug/kg	72.5	21.8	10	06/27/17 09:57	07/18/17 15:42	191-24-2	
Benzo(k)fluoranthene	<b>416</b>	ug/kg	89.6	26.9	10	06/27/17 09:57	07/18/17 15:42	207-08-9	
Chrysene	<b>926</b>	ug/kg	120	36.1	10	06/27/17 09:57	07/18/17 15:42	218-01-9	
Dibenz(a,h)anthracene	<b>124</b>	ug/kg	79.8	24.0	10	06/27/17 09:57	07/18/17 15:42	53-70-3	
Fluoranthene	<b>2640</b>	ug/kg	186	55.8	10	06/27/17 09:57	07/18/17 15:42	206-44-0	
Fluorene	<b>233</b>	ug/kg	148	44.3	10	06/27/17 09:57	07/18/17 15:42	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>456</b>	ug/kg	78.5	23.6	10	06/27/17 09:57	07/18/17 15:42	193-39-5	
1-Methylnaphthalene	<b>73.0J</b>	ug/kg	144	43.1	10	06/27/17 09:57	07/18/17 15:42	90-12-0	
2-Methylnaphthalene	<b>80.9J</b>	ug/kg	179	53.6	10	06/27/17 09:57	07/18/17 15:42	91-57-6	B
Naphthalene	<b>&lt;90.2</b>	ug/kg	301	90.2	10	06/27/17 09:57	07/18/17 15:42	91-20-3	
Phenanthrene	<b>2160</b>	ug/kg	416	125	10	06/27/17 09:57	07/18/17 15:42	85-01-8	
Pyrene	<b>1860</b>	ug/kg	161	48.3	10	06/27/17 09:57	07/18/17 15:42	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	19-96		10	06/27/17 09:57	07/18/17 15:42	321-60-8	
Terphenyl-d14 (S)	68	%	31-98		10	06/27/17 09:57	07/18/17 15:42	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/26/17 08:45	06/26/17 17:28	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/26/17 08:45	06/26/17 17:28	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/26/17 08:45	06/26/17 17:28	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	74-87-3	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Sample: B-31 2-4 Lab ID: 40152219004 Collected: 06/21/17 09:45 Received: 06/23/17 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/26/17 17:28	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/26/17 17:28	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/26/17 17:28	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:28	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-31 2-4**      **Lab ID: 40152219004**      Collected: 06/21/17 09:45      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/26/17 08:45	06/26/17 17:28	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	06/26/17 08:45	06/26/17 17:28	1868-53-7	
Toluene-d8 (S)	105	%	68-149		1	06/26/17 08:45	06/26/17 17:28	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	06/26/17 08:45	06/26/17 17:28	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>6.5</b>	%	0.10	0.10	1		06/26/17 14:04		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-31 6-8**      **Lab ID: 40152219005**      Collected: 06/21/17 09:50      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	6.1	mg/kg	5.4	1.1	1	06/26/17 14:35	06/27/17 18:19	7440-38-2	
Lead	64.7	mg/kg	1.4	0.47	1	06/26/17 14:35	06/27/17 18:19	7439-92-1	
Selenium	<1.2	mg/kg	5.4	1.2	1	06/26/17 14:35	06/27/17 18:19	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.13	mg/kg	0.038	0.011	1	06/27/17 06:59	06/27/17 16:12	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	37.7	ug/kg	14.2	4.3	1	06/27/17 09:57	06/28/17 20:38	83-32-9	
Acenaphthylene	27.2	ug/kg	12.1	3.6	1	06/27/17 09:57	06/28/17 20:38	208-96-8	
Anthracene	112	ug/kg	20.9	6.3	1	06/27/17 09:57	06/28/17 20:38	120-12-7	
Benzo(a)anthracene	324	ug/kg	11.7	3.5	1	06/27/17 09:57	06/28/17 20:38	56-55-3	
Benzo(a)pyrene	355	ug/kg	9.2	2.8	1	06/27/17 09:57	06/28/17 20:38	50-32-8	
Benzo(b)fluoranthene	656	ug/kg	10.4	3.1	1	06/27/17 09:57	06/28/17 20:38	205-99-2	
Benzo(g,h,i)perylene	55.9	ug/kg	7.5	2.2	1	06/27/17 09:57	06/28/17 20:38	191-24-2	
Benzo(k)fluoranthene	198	ug/kg	9.2	2.8	1	06/27/17 09:57	06/28/17 20:38	207-08-9	
Chrysene	325	ug/kg	12.3	3.7	1	06/27/17 09:57	06/28/17 20:38	218-01-9	
Dibenz(a,h)anthracene	26.2	ug/kg	8.2	2.5	1	06/27/17 09:57	06/28/17 20:38	53-70-3	
Fluoranthene	609	ug/kg	19.2	5.7	1	06/27/17 09:57	06/28/17 20:38	206-44-0	
Fluorene	33.8	ug/kg	15.2	4.6	1	06/27/17 09:57	06/28/17 20:38	86-73-7	
Indeno(1,2,3-cd)pyrene	70.1	ug/kg	8.1	2.4	1	06/27/17 09:57	06/28/17 20:38	193-39-5	
1-Methylnaphthalene	57.9	ug/kg	14.8	4.4	1	06/27/17 09:57	06/28/17 20:38	90-12-0	
2-Methylnaphthalene	67.6	ug/kg	18.4	5.5	1	06/27/17 09:57	06/28/17 20:38	91-57-6	
Naphthalene	65.3	ug/kg	31.0	9.3	1	06/27/17 09:57	06/28/17 20:38	91-20-3	
Phenanthrene	486	ug/kg	42.8	12.8	1	06/27/17 09:57	06/28/17 20:38	85-01-8	
Pyrene	520	ug/kg	16.5	5.0	1	06/27/17 09:57	06/28/17 20:38	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	19-96		1	06/27/17 09:57	06/28/17 20:38	321-60-8	
Terphenyl-d14 (S)	63	%	31-98		1	06/27/17 09:57	06/28/17 20:38	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/26/17 08:45	06/26/17 17:51	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/26/17 08:45	06/26/17 17:51	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/26/17 08:45	06/26/17 17:51	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-31 6-8**      **Lab ID: 40152219005**      Collected: 06/21/17 09:50      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/26/17 17:51	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/26/17 17:51	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/26/17 17:51	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 17:51	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-31 6-8**      **Lab ID: 40152219005**      Collected: 06/21/17 09:50      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/26/17 08:45	06/26/17 17:51	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	68-130		1	06/26/17 08:45	06/26/17 17:51	1868-53-7	
Toluene-d8 (S)	106	%	68-149		1	06/26/17 08:45	06/26/17 17:51	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	06/26/17 08:45	06/26/17 17:51	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>9.2</b>	%	0.10	0.10	1		06/26/17 14:04		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-31 8-10**      **Lab ID: 40152219006**      Collected: 06/21/17 09:55      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>3.7J</b>	mg/kg	5.7	1.2	1	06/26/17 14:35	06/27/17 18:22	7440-38-2	
Lead	<b>17.9</b>	mg/kg	1.5	0.50	1	06/26/17 14:35	06/27/17 18:22	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	5.7	1.3	1	06/26/17 14:35	06/27/17 18:22	7782-49-2	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	<b>0.037J</b>	mg/kg	0.041	0.012	1	06/27/17 06:59	06/27/17 16:14	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.7</b>	ug/kg	15.5	4.7	1	06/27/17 09:57	06/28/17 19:28	83-32-9	
Acenaphthylene	<b>&lt;4.0</b>	ug/kg	13.2	4.0	1	06/27/17 09:57	06/28/17 19:28	208-96-8	
Anthracene	<b>&lt;6.8</b>	ug/kg	22.8	6.8	1	06/27/17 09:57	06/28/17 19:28	120-12-7	
Benzo(a)anthracene	<b>&lt;3.8</b>	ug/kg	12.7	3.8	1	06/27/17 09:57	06/28/17 19:28	56-55-3	
Benzo(a)pyrene	<b>3.6J</b>	ug/kg	10.0	3.0	1	06/27/17 09:57	06/28/17 19:28	50-32-8	
Benzo(b)fluoranthene	<b>3.8J</b>	ug/kg	11.3	3.4	1	06/27/17 09:57	06/28/17 19:28	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;2.4</b>	ug/kg	8.1	2.4	1	06/27/17 09:57	06/28/17 19:28	191-24-2	
Benzo(k)fluoranthene	<b>3.1J</b>	ug/kg	10.0	3.0	1	06/27/17 09:57	06/28/17 19:28	207-08-9	
Chrysene	<b>4.3J</b>	ug/kg	13.4	4.0	1	06/27/17 09:57	06/28/17 19:28	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.7</b>	ug/kg	8.9	2.7	1	06/27/17 09:57	06/28/17 19:28	53-70-3	
Fluoranthene	<b>7.4J</b>	ug/kg	20.9	6.2	1	06/27/17 09:57	06/28/17 19:28	206-44-0	
Fluorene	<b>&lt;5.0</b>	ug/kg	16.5	5.0	1	06/27/17 09:57	06/28/17 19:28	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.6</b>	ug/kg	8.8	2.6	1	06/27/17 09:57	06/28/17 19:28	193-39-5	
1-Methylnaphthalene	<b>&lt;4.8</b>	ug/kg	16.1	4.8	1	06/27/17 09:57	06/28/17 19:28	90-12-0	
2-Methylnaphthalene	<b>&lt;6.0</b>	ug/kg	20.0	6.0	1	06/27/17 09:57	06/28/17 19:28	91-57-6	
Naphthalene	<b>&lt;10.1</b>	ug/kg	33.7	10.1	1	06/27/17 09:57	06/28/17 19:28	91-20-3	
Phenanthrene	<b>&lt;14.0</b>	ug/kg	46.5	14.0	1	06/27/17 09:57	06/28/17 19:28	85-01-8	
Pyrene	<b>6.6J</b>	ug/kg	18.0	5.4	1	06/27/17 09:57	06/28/17 19:28	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	55	%	19-96		1	06/27/17 09:57	06/28/17 19:28	321-60-8	
Terphenyl-d14 (S)	57	%	31-98		1	06/27/17 09:57	06/28/17 19:28	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/26/17 08:45	06/26/17 18:14	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/26/17 08:45	06/26/17 18:14	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/26/17 08:45	06/26/17 18:14	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	74-87-3	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-31 8-10**      **Lab ID: 40152219006**      Collected: 06/21/17 09:55      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/26/17 18:14	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/26/17 18:14	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/26/17 18:14	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:14	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-31 8-10**      **Lab ID: 40152219006**      Collected: 06/21/17 09:55      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/26/17 08:45	06/26/17 18:14	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	68-130		1	06/26/17 08:45	06/26/17 18:14	1868-53-7	
Toluene-d8 (S)	108	%	68-149		1	06/26/17 08:45	06/26/17 18:14	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	06/26/17 08:45	06/26/17 18:14	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>16.8</b>	%	0.10	0.10	1		06/26/17 14:04		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-32 0-2**      **Lab ID: 40152219007**      Collected: 06/21/17 10:50      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	15.4	mg/kg	5.4	1.1	1	06/26/17 14:35	06/27/17 18:24	7440-38-2	
Lead	333	mg/kg	1.4	0.47	1	06/26/17 14:35	06/27/17 18:24	7439-92-1	
Selenium	<1.2	mg/kg	5.4	1.2	1	06/26/17 14:35	06/27/17 18:24	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.38	mg/kg	0.042	0.013	1	06/27/17 06:59	06/27/17 16:17	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	27.9	ug/kg	15.1	4.6	1	06/27/17 09:57	06/28/17 20:55	83-32-9	
Acenaphthylene	45.3	ug/kg	12.9	3.9	1	06/27/17 09:57	06/28/17 20:55	208-96-8	
Anthracene	258	ug/kg	22.3	6.7	1	06/27/17 09:57	06/28/17 20:55	120-12-7	
Benzo(a)anthracene	268	ug/kg	12.4	3.7	1	06/27/17 09:57	06/28/17 20:55	56-55-3	
Benzo(a)pyrene	343	ug/kg	9.8	2.9	1	06/27/17 09:57	06/28/17 20:55	50-32-8	
Benzo(b)fluoranthene	704	ug/kg	11.0	3.3	1	06/27/17 09:57	06/28/17 20:55	205-99-2	
Benzo(g,h,i)perylene	65.2	ug/kg	7.9	2.4	1	06/27/17 09:57	06/28/17 20:55	191-24-2	
Benzo(k)fluoranthene	212	ug/kg	9.8	2.9	1	06/27/17 09:57	06/28/17 20:55	207-08-9	
Chrysene	443	ug/kg	13.1	4.0	1	06/27/17 09:57	06/28/17 20:55	218-01-9	
Dibenz(a,h)anthracene	24.9	ug/kg	8.7	2.6	1	06/27/17 09:57	06/28/17 20:55	53-70-3	
Fluoranthene	705	ug/kg	20.4	6.1	1	06/27/17 09:57	06/28/17 20:55	206-44-0	
Fluorene	28.0	ug/kg	16.2	4.9	1	06/27/17 09:57	06/28/17 20:55	86-73-7	
Indeno(1,2,3-cd)pyrene	63.5	ug/kg	8.6	2.6	1	06/27/17 09:57	06/28/17 20:55	193-39-5	
1-Methylnaphthalene	288	ug/kg	15.7	4.7	1	06/27/17 09:57	06/28/17 20:55	90-12-0	
2-Methylnaphthalene	350	ug/kg	19.6	5.9	1	06/27/17 09:57	06/28/17 20:55	91-57-6	
Naphthalene	314	ug/kg	33.0	9.9	1	06/27/17 09:57	06/28/17 20:55	91-20-3	
Phenanthrene	693	ug/kg	45.5	13.7	1	06/27/17 09:57	06/28/17 20:55	85-01-8	
Pyrene	578	ug/kg	17.6	5.3	1	06/27/17 09:57	06/28/17 20:55	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	46	%	19-96		1	06/27/17 09:57	06/28/17 20:55	321-60-8	
Terphenyl-d14 (S)	39	%	31-98		1	06/27/17 09:57	06/28/17 20:55	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/26/17 08:45	06/26/17 18:37	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/26/17 08:45	06/26/17 18:37	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/26/17 08:45	06/26/17 18:37	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-32 0-2**      **Lab ID: 40152219007**      Collected: 06/21/17 10:50      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/26/17 18:37	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	99-87-6	W
Methylene Chloride	29.9J	ug/kg	70.3	29.3	1	06/26/17 08:45	06/26/17 18:37	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	1634-04-4	W
Naphthalene	86.6J	ug/kg	293	46.9	1	06/26/17 08:45	06/26/17 18:37	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	127-18-4	W
Toluene	73.0	ug/kg	70.3	29.3	1	06/26/17 08:45	06/26/17 18:37	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/26/17 18:37	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	96-18-4	W
1,2,4-Trimethylbenzene	46.2J	ug/kg	70.3	29.3	1	06/26/17 08:45	06/26/17 18:37	95-63-6	
1,3,5-Trimethylbenzene	30.7J	ug/kg	70.3	29.3	1	06/26/17 08:45	06/26/17 18:37	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 18:37	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-32 0-2**      **Lab ID: 40152219007**      Collected: 06/21/17 10:50      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>158J</b>	ug/kg	211	87.9	1	06/26/17 08:45	06/26/17 18:37	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	123	%	68-130		1	06/26/17 08:45	06/26/17 18:37	1868-53-7	
Toluene-d8 (S)	126	%	68-149		1	06/26/17 08:45	06/26/17 18:37	2037-26-5	
4-Bromofluorobenzene (S)	112	%	58-141		1	06/26/17 08:45	06/26/17 18:37	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>14.7</b>	%	0.10	0.10	1		06/26/17 14:04		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-32 8-10**      **Lab ID: 40152219008**      Collected: 06/21/17 10:55      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	5.6	mg/kg	5.1	1.1	1	06/26/17 14:35	06/27/17 18:27	7440-38-2	
Lead	15.7	mg/kg	1.3	0.44	1	06/26/17 14:35	06/27/17 18:27	7439-92-1	
Selenium	<1.1	mg/kg	5.1	1.1	1	06/26/17 14:35	06/27/17 18:27	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.019J	mg/kg	0.041	0.012	1	06/27/17 06:59	06/27/17 16:19	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.7	ug/kg	15.6	4.7	1	06/27/17 09:57	06/28/17 21:12	83-32-9	
Acenaphthylene	<4.0	ug/kg	13.3	4.0	1	06/27/17 09:57	06/28/17 21:12	208-96-8	
Anthracene	<6.9	ug/kg	22.9	6.9	1	06/27/17 09:57	06/28/17 21:12	120-12-7	
Benzo(a)anthracene	<3.8	ug/kg	12.8	3.8	1	06/27/17 09:57	06/28/17 21:12	56-55-3	
Benzo(a)pyrene	<3.0	ug/kg	10.1	3.0	1	06/27/17 09:57	06/28/17 21:12	50-32-8	
Benzo(b)fluoranthene	<3.4	ug/kg	11.3	3.4	1	06/27/17 09:57	06/28/17 21:12	205-99-2	
Benzo(g,h,i)perylene	<2.4	ug/kg	8.2	2.4	1	06/27/17 09:57	06/28/17 21:12	191-24-2	
Benzo(k)fluoranthene	<3.0	ug/kg	10.1	3.0	1	06/27/17 09:57	06/28/17 21:12	207-08-9	
Chrysene	<4.1	ug/kg	13.5	4.1	1	06/27/17 09:57	06/28/17 21:12	218-01-9	
Dibenz(a,h)anthracene	<2.7	ug/kg	9.0	2.7	1	06/27/17 09:57	06/28/17 21:12	53-70-3	
Fluoranthene	<6.3	ug/kg	21.0	6.3	1	06/27/17 09:57	06/28/17 21:12	206-44-0	
Fluorene	<5.0	ug/kg	16.6	5.0	1	06/27/17 09:57	06/28/17 21:12	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.7	ug/kg	8.8	2.7	1	06/27/17 09:57	06/28/17 21:12	193-39-5	
1-Methylnaphthalene	<4.8	ug/kg	16.2	4.8	1	06/27/17 09:57	06/28/17 21:12	90-12-0	
2-Methylnaphthalene	<6.0	ug/kg	20.1	6.0	1	06/27/17 09:57	06/28/17 21:12	91-57-6	
Naphthalene	<10.2	ug/kg	33.9	10.2	1	06/27/17 09:57	06/28/17 21:12	91-20-3	
Phenanthrene	<14.0	ug/kg	46.8	14.0	1	06/27/17 09:57	06/28/17 21:12	85-01-8	
Pyrene	<5.4	ug/kg	18.1	5.4	1	06/27/17 09:57	06/28/17 21:12	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	19-96		1	06/27/17 09:57	06/28/17 21:12	321-60-8	
Terphenyl-d14 (S)	59	%	31-98		1	06/27/17 09:57	06/28/17 21:12	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/26/17 08:45	06/26/17 19:00	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/26/17 08:45	06/26/17 19:00	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/26/17 08:45	06/26/17 19:00	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Sample: B-32 8-10 Lab ID: 40152219008 Collected: 06/21/17 10:55 Received: 06/23/17 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/26/17 19:00	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/26/17 19:00	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/26/17 19:00	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:00	75-01-4	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-32 8-10**      **Lab ID: 40152219008**      Collected: 06/21/17 10:55      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/26/17 08:45	06/26/17 19:00	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	68-130		1	06/26/17 08:45	06/26/17 19:00	1868-53-7	
Toluene-d8 (S)	100	%	68-149		1	06/26/17 08:45	06/26/17 19:00	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	06/26/17 08:45	06/26/17 19:00	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>17.2</b>	%	0.10	0.10	1		06/26/17 15:43		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-32 10-12**      **Lab ID: 40152219009**      Collected: 06/21/17 11:00      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>5.0J</b>	mg/kg	6.1	1.3	1	06/26/17 14:35	06/27/17 18:29	7440-38-2	
Lead	<b>10.1</b>	mg/kg	1.6	0.53	1	06/26/17 14:35	06/27/17 18:29	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	6.1	1.4	1	06/26/17 14:35	06/27/17 18:29	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<b>&lt;0.013</b>	mg/kg	0.044	0.013	1	06/27/17 06:59	06/27/17 16:21	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.8</b>	ug/kg	16.0	4.8	1	06/27/17 09:57	06/28/17 21:30	83-32-9	
Acenaphthylene	<b>&lt;4.1</b>	ug/kg	13.7	4.1	1	06/27/17 09:57	06/28/17 21:30	208-96-8	
Anthracene	<b>&lt;7.1</b>	ug/kg	23.6	7.1	1	06/27/17 09:57	06/28/17 21:30	120-12-7	
Benzo(a)anthracene	<b>&lt;3.9</b>	ug/kg	13.2	3.9	1	06/27/17 09:57	06/28/17 21:30	56-55-3	
Benzo(a)pyrene	<b>&lt;3.1</b>	ug/kg	10.4	3.1	1	06/27/17 09:57	06/28/17 21:30	50-32-8	
Benzo(b)fluoranthene	<b>&lt;3.5</b>	ug/kg	11.7	3.5	1	06/27/17 09:57	06/28/17 21:30	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;2.5</b>	ug/kg	8.4	2.5	1	06/27/17 09:57	06/28/17 21:30	191-24-2	
Benzo(k)fluoranthene	<b>&lt;3.1</b>	ug/kg	10.4	3.1	1	06/27/17 09:57	06/28/17 21:30	207-08-9	
Chrysene	<b>&lt;4.2</b>	ug/kg	13.9	4.2	1	06/27/17 09:57	06/28/17 21:30	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.8</b>	ug/kg	9.2	2.8	1	06/27/17 09:57	06/28/17 21:30	53-70-3	
Fluoranthene	<b>&lt;6.5</b>	ug/kg	21.6	6.5	1	06/27/17 09:57	06/28/17 21:30	206-44-0	
Fluorene	<b>&lt;5.1</b>	ug/kg	17.1	5.1	1	06/27/17 09:57	06/28/17 21:30	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.7</b>	ug/kg	9.1	2.7	1	06/27/17 09:57	06/28/17 21:30	193-39-5	
1-Methylnaphthalene	<b>&lt;5.0</b>	ug/kg	16.6	5.0	1	06/27/17 09:57	06/28/17 21:30	90-12-0	
2-Methylnaphthalene	<b>&lt;6.2</b>	ug/kg	20.7	6.2	1	06/27/17 09:57	06/28/17 21:30	91-57-6	
Naphthalene	<b>&lt;10.5</b>	ug/kg	34.9	10.5	1	06/27/17 09:57	06/28/17 21:30	91-20-3	
Phenanthrene	<b>&lt;14.5</b>	ug/kg	48.2	14.5	1	06/27/17 09:57	06/28/17 21:30	85-01-8	
Pyrene	<b>&lt;5.6</b>	ug/kg	18.6	5.6	1	06/27/17 09:57	06/28/17 21:30	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	57	%	19-96		1	06/27/17 09:57	06/28/17 21:30	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		1	06/27/17 09:57	06/28/17 21:30	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/26/17 08:45	06/26/17 19:23	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/26/17 08:45	06/26/17 19:23	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/26/17 08:45	06/26/17 19:23	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	74-87-3	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-32 10-12**      **Lab ID: 40152219009**      Collected: 06/21/17 11:00      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/26/17 19:23	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/26/17 19:23	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/26/17 19:23	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:23	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-32 10-12**      **Lab ID: 40152219009**      Collected: 06/21/17 11:00      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/26/17 08:45	06/26/17 19:23	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	68-130		1	06/26/17 08:45	06/26/17 19:23	1868-53-7	
Toluene-d8 (S)	116	%	68-149		1	06/26/17 08:45	06/26/17 19:23	2037-26-5	
4-Bromofluorobenzene (S)	111	%	58-141		1	06/26/17 08:45	06/26/17 19:23	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>19.5</b>	%	0.10	0.10	1		06/26/17 15:43		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10A 2-4**      **Lab ID: 40152219010**      Collected: 06/21/17 12:00      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>39.4J</b>	ug/kg	57.6	17.3	4	06/27/17 09:57	07/17/17 15:54	83-32-9	
Acenaphthylene	<b>59.4</b>	ug/kg	49.1	14.7	4	06/27/17 09:57	07/17/17 15:54	208-96-8	
Anthracene	<b>136</b>	ug/kg	84.9	25.5	4	06/27/17 09:57	07/17/17 15:54	120-12-7	
Benzo(a)anthracene	<b>497</b>	ug/kg	47.4	14.2	4	06/27/17 09:57	07/17/17 15:54	56-55-3	
Benzo(a)pyrene	<b>494</b>	ug/kg	37.4	11.2	4	06/27/17 09:57	07/17/17 15:54	50-32-8	
Benzo(b)fluoranthene	<b>749</b>	ug/kg	42.0	12.6	4	06/27/17 09:57	07/17/17 15:54	205-99-2	
Benzo(g,h,i)perylene	<b>263</b>	ug/kg	30.2	9.1	4	06/27/17 09:57	07/17/17 15:54	191-24-2	
Benzo(k)fluoranthene	<b>264</b>	ug/kg	37.3	11.2	4	06/27/17 09:57	07/17/17 15:54	207-08-9	
Chrysene	<b>586</b>	ug/kg	50.0	15.1	4	06/27/17 09:57	07/17/17 15:54	218-01-9	
Dibenz(a,h)anthracene	<b>93.3</b>	ug/kg	33.3	10	4	06/27/17 09:57	07/17/17 15:54	53-70-3	
Fluoranthene	<b>1020</b>	ug/kg	77.7	23.3	4	06/27/17 09:57	07/17/17 15:54	206-44-0	
Fluorene	<b>47.4J</b>	ug/kg	61.6	18.5	4	06/27/17 09:57	07/17/17 15:54	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>260</b>	ug/kg	32.7	9.8	4	06/27/17 09:57	07/17/17 15:54	193-39-5	
1-Methylnaphthalene	<b>104</b>	ug/kg	59.9	18.0	4	06/27/17 09:57	07/17/17 15:54	90-12-0	
2-Methylnaphthalene	<b>123</b>	ug/kg	74.6	22.3	4	06/27/17 09:57	07/17/17 15:54	91-57-6	
Naphthalene	<b>111J</b>	ug/kg	126	37.6	4	06/27/17 09:57	07/17/17 15:54	91-20-3	
Phenanthrene	<b>720</b>	ug/kg	173	52.0	4	06/27/17 09:57	07/17/17 15:54	85-01-8	
Pyrene	<b>777</b>	ug/kg	67.0	20.2	4	06/27/17 09:57	07/17/17 15:54	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	55	%	19-96		4	06/27/17 09:57	07/17/17 15:54	321-60-8	
Terphenyl-d14 (S)	51	%	31-98		4	06/27/17 09:57	07/17/17 15:54	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	75-25-2	W
Bromomethane	< <b>69.9</b>	ug/kg	250	69.9	1	06/26/17 08:45	06/26/17 19:46	74-83-9	W
n-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	104-51-8	W
sec-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	135-98-8	W
tert-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	98-06-6	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	108-90-7	W
Chloroethane	< <b>67.0</b>	ug/kg	250	67.0	1	06/26/17 08:45	06/26/17 19:46	75-00-3	W
Chloroform	< <b>46.4</b>	ug/kg	250	46.4	1	06/26/17 08:45	06/26/17 19:46	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	74-87-3	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	106-43-4	W
1,2-Dibromo-3-chloropropane	< <b>91.2</b>	ug/kg	250	91.2	1	06/26/17 08:45	06/26/17 19:46	96-12-8	W
Dibromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	124-48-1	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	106-93-4	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	74-95-3	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	95-50-1	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

Sample: B-10A 2-4 Lab ID: 40152219010 Collected: 06/21/17 12:00 Received: 06/23/17 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/26/17 19:46	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/26/17 19:46	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/26/17 19:46	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/26/17 08:45	06/26/17 19:46	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	116	%	68-130		1	06/26/17 08:45	06/26/17 19:46	1868-53-7	
Toluene-d8 (S)	111	%	68-149		1	06/26/17 08:45	06/26/17 19:46	2037-26-5	
4-Bromofluorobenzene (S)	103	%	58-141		1	06/26/17 08:45	06/26/17 19:46	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture 10.4 % 0.10 0.10 1 06/26/17 15:43

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10A 6-8**      **Lab ID: 40152219011**      Collected: 06/21/17 12:05      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	97.0	ug/kg	57.0	17.1	4	06/28/17 08:13	07/10/17 19:06	83-32-9	
Acenaphthylene	33.6J	ug/kg	48.6	14.6	4	06/28/17 08:13	07/10/17 19:06	208-96-8	
Anthracene	236	ug/kg	83.9	25.2	4	06/28/17 08:13	07/10/17 19:06	120-12-7	
Benzo(a)anthracene	628	ug/kg	46.8	14.0	4	06/28/17 08:13	07/10/17 19:06	56-55-3	
Benzo(a)pyrene	614	ug/kg	37.0	11.1	4	06/28/17 08:13	07/10/17 19:06	50-32-8	
Benzo(b)fluoranthene	828	ug/kg	41.6	12.5	4	06/28/17 08:13	07/10/17 19:06	205-99-2	
Benzo(g,h,i)perylene	247	ug/kg	29.9	9.0	4	06/28/17 08:13	07/10/17 19:06	191-24-2	
Benzo(k)fluoranthene	330	ug/kg	36.9	11.1	4	06/28/17 08:13	07/10/17 19:06	207-08-9	
Chrysene	627	ug/kg	49.5	14.9	4	06/28/17 08:13	07/10/17 19:06	218-01-9	
Dibenz(a,h)anthracene	85.1	ug/kg	32.9	9.9	4	06/28/17 08:13	07/10/17 19:06	53-70-3	
Fluoranthene	1320	ug/kg	76.8	23.0	4	06/28/17 08:13	07/10/17 19:06	206-44-0	
Fluorene	77.6	ug/kg	60.9	18.3	4	06/28/17 08:13	07/10/17 19:06	86-73-7	
Indeno(1,2,3-cd)pyrene	257	ug/kg	32.4	9.7	4	06/28/17 08:13	07/10/17 19:06	193-39-5	
1-Methylnaphthalene	49.6J	ug/kg	59.2	17.8	4	06/28/17 08:13	07/10/17 19:06	90-12-0	
2-Methylnaphthalene	59.7J	ug/kg	73.8	22.1	4	06/28/17 08:13	07/10/17 19:06	91-57-6	
Naphthalene	72.3J	ug/kg	124	37.2	4	06/28/17 08:13	07/10/17 19:06	91-20-3	
Phenanthrene	896	ug/kg	171	51.4	4	06/28/17 08:13	07/10/17 19:06	85-01-8	
Pyrene	1080	ug/kg	66.2	19.9	4	06/28/17 08:13	07/10/17 19:06	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	19-96		4	06/28/17 08:13	07/10/17 19:06	321-60-8	
Terphenyl-d14 (S)	68	%	31-98		4	06/28/17 08:13	07/10/17 19:06	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	50.2J	ug/kg	66.4	27.7	1	06/26/17 08:45	06/27/17 09:33	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/26/17 08:45	06/27/17 09:33	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/26/17 08:45	06/27/17 09:33	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/26/17 08:45	06/27/17 09:33	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/26/17 08:45	06/27/17 09:33	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10A 6-8**      **Lab ID: 40152219011**      Collected: 06/21/17 12:05      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/26/17 08:45	06/27/17 09:33	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/26/17 08:45	06/27/17 09:33	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/26/17 08:45	06/27/17 09:33	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/26/17 08:45	06/27/17 09:33	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	68-130		1	06/26/17 08:45	06/27/17 09:33	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	06/26/17 08:45	06/27/17 09:33	2037-26-5	
4-Bromofluorobenzene (S)	111	%	58-141		1	06/26/17 08:45	06/27/17 09:33	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>9.6</b>	%	0.10	0.10	1		06/26/17 15:43		
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10A 8-10**      **Lab ID: 40152219012**      Collected: 06/21/17 12:10      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	21.4	ug/kg	13.8	4.1	1	06/28/17 08:13	07/03/17 21:11	83-32-9	
Acenaphthylene	18.5	ug/kg	11.7	3.5	1	06/28/17 08:13	07/03/17 21:11	208-96-8	
Anthracene	79.4	ug/kg	20.3	6.1	1	06/28/17 08:13	07/03/17 21:11	120-12-7	
Benzo(a)anthracene	218	ug/kg	11.3	3.4	1	06/28/17 08:13	07/03/17 21:11	56-55-3	
Benzo(a)pyrene	245	ug/kg	8.9	2.7	1	06/28/17 08:13	07/03/17 21:11	50-32-8	
Benzo(b)fluoranthene	306	ug/kg	10.0	3.0	1	06/28/17 08:13	07/03/17 21:11	205-99-2	
Benzo(g,h,i)perylene	211	ug/kg	7.2	2.2	1	06/28/17 08:13	07/03/17 21:11	191-24-2	
Benzo(k)fluoranthene	128	ug/kg	8.9	2.7	1	06/28/17 08:13	07/03/17 21:11	207-08-9	
Chrysene	218	ug/kg	11.9	3.6	1	06/28/17 08:13	07/03/17 21:11	218-01-9	
Dibenz(a,h)anthracene	45.8	ug/kg	7.9	2.4	1	06/28/17 08:13	07/03/17 21:11	53-70-3	
Fluoranthene	490	ug/kg	18.6	5.6	1	06/28/17 08:13	07/03/17 21:11	206-44-0	
Fluorene	21.9	ug/kg	14.7	4.4	1	06/28/17 08:13	07/03/17 21:11	86-73-7	
Indeno(1,2,3-cd)pyrene	166	ug/kg	7.8	2.3	1	06/28/17 08:13	07/03/17 21:11	193-39-5	
1-Methylnaphthalene	17.1	ug/kg	14.3	4.3	1	06/28/17 08:13	07/03/17 21:11	90-12-0	
2-Methylnaphthalene	22.3	ug/kg	17.8	5.3	1	06/28/17 08:13	07/03/17 21:11	91-57-6	
Naphthalene	17.9J	ug/kg	30.0	9.0	1	06/28/17 08:13	07/03/17 21:11	91-20-3	
Phenanthrene	233	ug/kg	41.4	12.4	1	06/28/17 08:13	07/03/17 21:11	85-01-8	
Pyrene	365	ug/kg	16.0	4.8	1	06/28/17 08:13	07/03/17 21:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	75	%	19-96		1	06/28/17 08:13	07/03/17 21:11	321-60-8	
Terphenyl-d14 (S)	71	%	31-98		1	06/28/17 08:13	07/03/17 21:11	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	42.5J	ug/kg	63.9	26.6	1	06/27/17 08:00	06/27/17 16:05	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 16:05	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 16:05	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 16:05	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 16:05	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10A 8-10**      **Lab ID: 40152219012**      Collected: 06/21/17 12:10      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 08:00	06/27/17 16:05	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	127-18-4	W
Toluene	30.5J	ug/kg	63.9	26.6	1	06/27/17 08:00	06/27/17 16:05	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 16:05	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 16:05	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 16:05	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	106	%	68-130		1	06/27/17 08:00	06/27/17 16:05	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	06/27/17 08:00	06/27/17 16:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	06/27/17 08:00	06/27/17 16:05	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	6.1	%	0.10	0.10	1		06/26/17 15:43		
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10B 2-4**      **Lab ID: 40152219013**      Collected: 06/21/17 13:05      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	5.7	mg/kg	4.8	1.0	1	06/26/17 14:35	06/27/17 18:32	7440-38-2	
Lead	66.2	mg/kg	1.3	0.42	1	06/26/17 14:35	06/27/17 18:32	7439-92-1	
Selenium	<1.1	mg/kg	4.8	1.1	1	06/26/17 14:35	06/27/17 18:32	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.087	mg/kg	0.037	0.011	1	06/27/17 06:59	06/27/17 16:24	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	420	ug/kg	278	83.7	20	06/28/17 08:13	07/13/17 09:53	83-32-9	
Acenaphthylene	316	ug/kg	237	71.1	20	06/28/17 08:13	07/13/17 09:53	208-96-8	
Anthracene	1160	ug/kg	410	123	20	06/28/17 08:13	07/13/17 09:53	120-12-7	
Benzo(a)anthracene	1220	ug/kg	229	68.4	20	06/28/17 08:13	07/13/17 09:53	56-55-3	
Benzo(a)pyrene	1010	ug/kg	180	54.2	20	06/28/17 08:13	07/13/17 09:53	50-32-8	
Benzo(b)fluoranthene	1200	ug/kg	203	60.9	20	06/28/17 08:13	07/13/17 09:53	205-99-2	
Benzo(g,h,i)perylene	662	ug/kg	146	43.8	20	06/28/17 08:13	07/13/17 09:53	191-24-2	
Benzo(k)fluoranthene	543	ug/kg	180	54.1	20	06/28/17 08:13	07/13/17 09:53	207-08-9	
Chrysene	1170	ug/kg	241	72.7	20	06/28/17 08:13	07/13/17 09:53	218-01-9	
Dibenz(a,h)anthracene	162	ug/kg	161	48.2	20	06/28/17 08:13	07/13/17 09:53	53-70-3	
Fluoranthene	2990	ug/kg	375	112	20	06/28/17 08:13	07/13/17 09:53	206-44-0	
Fluorene	751	ug/kg	298	89.2	20	06/28/17 08:13	07/13/17 09:53	86-73-7	
Indeno(1,2,3-cd)pyrene	506	ug/kg	158	47.4	20	06/28/17 08:13	07/13/17 09:53	193-39-5	
1-Methylnaphthalene	393	ug/kg	289	86.7	20	06/28/17 08:13	07/13/17 09:53	90-12-0	
2-Methylnaphthalene	448	ug/kg	360	108	20	06/28/17 08:13	07/13/17 09:53	91-57-6	
Naphthalene	779	ug/kg	606	182	20	06/28/17 08:13	07/13/17 09:53	91-20-3	
Phenanthrene	3400	ug/kg	837	251	20	06/28/17 08:13	07/13/17 09:53	85-01-8	
Pyrene	2190	ug/kg	323	97.3	20	06/28/17 08:13	07/13/17 09:53	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	65	%	19-96		20	06/28/17 08:13	07/13/17 09:53	321-60-8	
Terphenyl-d14 (S)	67	%	31-98		20	06/28/17 08:13	07/13/17 09:53	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	30.2J	ug/kg	65.4	27.3	1	06/27/17 08:00	06/27/17 16:27	71-43-2	
Bromobenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	108-86-1	W
Bromochloromethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	74-97-5	W
Bromodichloromethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	75-27-4	W
Bromoform	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	75-25-2	W
Bromomethane	<70.6	ug/kg	253	70.6	1	06/27/17 08:00	06/27/17 16:27	74-83-9	W
n-Butylbenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	104-51-8	W
sec-Butylbenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	135-98-8	W
tert-Butylbenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	98-06-6	W
Carbon tetrachloride	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	56-23-5	W
Chlorobenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	108-90-7	W
Chloroethane	<67.7	ug/kg	253	67.7	1	06/27/17 08:00	06/27/17 16:27	75-00-3	W
Chloroform	<46.9	ug/kg	253	46.9	1	06/27/17 08:00	06/27/17 16:27	67-66-3	W
Chloromethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Sample: B-10B 2-4 Lab ID: 40152219013 Collected: 06/21/17 13:05 Received: 06/23/17 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	95-49-8	W
4-Chlorotoluene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	106-43-4	W
1,2-Dibromo-3-chloropropane	<92.2	ug/kg	253	92.2	1	06/27/17 08:00	06/27/17 16:27	96-12-8	W
Dibromochloromethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	124-48-1	W
1,2-Dibromoethane (EDB)	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	106-93-4	W
Dibromomethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	74-95-3	W
1,2-Dichlorobenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	95-50-1	W
1,3-Dichlorobenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	541-73-1	W
1,4-Dichlorobenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	106-46-7	W
Dichlorodifluoromethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	75-71-8	W
1,1-Dichloroethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	75-34-3	W
1,2-Dichloroethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	107-06-2	W
1,1-Dichloroethene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	75-35-4	W
cis-1,2-Dichloroethene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	156-59-2	W
trans-1,2-Dichloroethene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	156-60-5	W
1,2-Dichloropropane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	78-87-5	W
1,3-Dichloropropane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	142-28-9	W
2,2-Dichloropropane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	594-20-7	W
1,1-Dichloropropene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	563-58-6	W
cis-1,3-Dichloropropene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	10061-01-5	W
trans-1,3-Dichloropropene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	10061-02-6	W
Diisopropyl ether	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	108-20-3	W
Ethylbenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	100-41-4	W
Hexachloro-1,3-butadiene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	87-68-3	W
Isopropylbenzene (Cumene)	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	98-82-8	W
p-Isopropyltoluene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	99-87-6	W
Methylene Chloride	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	75-09-2	W
Methyl-tert-butyl ether	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	1634-04-4	W
Naphthalene	64.0J	ug/kg	273	43.7	1	06/27/17 08:00	06/27/17 16:27	91-20-3	
n-Propylbenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	103-65-1	W
Styrene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	79-34-5	W
Tetrachloroethene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	127-18-4	W
Toluene	55.0J	ug/kg	65.4	27.3	1	06/27/17 08:00	06/27/17 16:27	108-88-3	
1,2,3-Trichlorobenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	87-61-6	W
1,2,4-Trichlorobenzene	<48.0	ug/kg	253	48.0	1	06/27/17 08:00	06/27/17 16:27	120-82-1	W
1,1,1-Trichloroethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	71-55-6	W
1,1,2-Trichloroethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	79-00-5	W
Trichloroethene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	79-01-6	W
Trichlorofluoromethane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	75-69-4	W
1,2,3-Trichloropropane	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	96-18-4	W
1,2,4-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	95-63-6	W
1,3,5-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	108-67-8	W
Vinyl chloride	<25.3	ug/kg	60.6	25.3	1	06/27/17 08:00	06/27/17 16:27	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

**Sample: B-10B 2-4**      **Lab ID: 40152219013**      Collected: 06/21/17 13:05      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.8</b>	ug/kg	182	75.8	1	06/27/17 08:00	06/27/17 16:27	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	106	%	68-130		1	06/27/17 08:00	06/27/17 16:27	1868-53-7	
Toluene-d8 (S)	106	%	68-149		1	06/27/17 08:00	06/27/17 16:27	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	06/27/17 08:00	06/27/17 16:27	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>7.4</b>	%	0.10	0.10	1		06/26/17 15:43		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

**Sample: B-10B 6-8**      **Lab ID: 40152219014**      Collected: 06/21/17 13:10      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	4.7J	mg/kg	5.2	1.1	1	06/26/17 14:35	06/27/17 18:39	7440-38-2	
Lead	7.3	mg/kg	1.4	0.45	1	06/26/17 14:35	06/27/17 18:39	7439-92-1	
Selenium	<1.2	mg/kg	5.2	1.2	1	06/26/17 14:35	06/27/17 18:39	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<0.012	mg/kg	0.041	0.012	1	06/27/17 06:59	06/27/17 16:26	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	14.9	4.5	1	06/28/17 08:13	06/29/17 19:46	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.7	3.8	1	06/28/17 08:13	06/29/17 19:46	208-96-8	
Anthracene	<6.6	ug/kg	21.9	6.6	1	06/28/17 08:13	06/29/17 19:46	120-12-7	
Benzo(a)anthracene	4.4J	ug/kg	12.2	3.7	1	06/28/17 08:13	06/29/17 19:46	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.6	2.9	1	06/28/17 08:13	06/29/17 19:46	50-32-8	
Benzo(b)fluoranthene	<3.3	ug/kg	10.8	3.3	1	06/28/17 08:13	06/29/17 19:46	205-99-2	
Benzo(g,h,i)perylene	<2.3	ug/kg	7.8	2.3	1	06/28/17 08:13	06/29/17 19:46	191-24-2	
Benzo(k)fluoranthene	3.1J	ug/kg	9.6	2.9	1	06/28/17 08:13	06/29/17 19:46	207-08-9	
Chrysene	<3.9	ug/kg	12.9	3.9	1	06/28/17 08:13	06/29/17 19:46	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.6	2.6	1	06/28/17 08:13	06/29/17 19:46	53-70-3	
Fluoranthene	<6.0	ug/kg	20.0	6.0	1	06/28/17 08:13	06/29/17 19:46	206-44-0	
Fluorene	<4.8	ug/kg	15.9	4.8	1	06/28/17 08:13	06/29/17 19:46	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.5	ug/kg	8.4	2.5	1	06/28/17 08:13	06/29/17 19:46	193-39-5	
1-Methylnaphthalene	<4.6	ug/kg	15.4	4.6	1	06/28/17 08:13	06/29/17 19:46	90-12-0	
2-Methylnaphthalene	6.3J	ug/kg	19.2	5.8	1	06/28/17 08:13	06/29/17 19:46	91-57-6	
Naphthalene	<9.7	ug/kg	32.4	9.7	1	06/28/17 08:13	06/29/17 19:46	91-20-3	
Phenanthrene	<13.4	ug/kg	44.7	13.4	1	06/28/17 08:13	06/29/17 19:46	85-01-8	
Pyrene	<5.2	ug/kg	17.3	5.2	1	06/28/17 08:13	06/29/17 19:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	19-96		1	06/28/17 08:13	06/29/17 19:46	321-60-8	
Terphenyl-d14 (S)	81	%	31-98		1	06/28/17 08:13	06/29/17 19:46	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 18:54	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 18:54	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 18:54	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10B 6-8**      **Lab ID: 40152219014**      Collected: 06/21/17 13:10      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 18:54	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 08:00	06/27/17 18:54	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 18:54	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 18:54	75-01-4	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10B 6-8**      **Lab ID: 40152219014**      Collected: 06/21/17 13:10      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 18:54	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	94	%	68-130		1	06/27/17 08:00	06/27/17 18:54	1868-53-7	
Toluene-d8 (S)	94	%	68-149		1	06/27/17 08:00	06/27/17 18:54	2037-26-5	
4-Bromofluorobenzene (S)	86	%	58-141		1	06/27/17 08:00	06/27/17 18:54	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>13.0</b>	%	0.10	0.10	1		06/26/17 15:43		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10B 8-10**      **Lab ID: 40152219015**      Collected: 06/21/17 13:15      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	4.1J	mg/kg	4.9	1.0	1	06/26/17 14:35	06/27/17 18:41	7440-38-2	
Lead	7.7	mg/kg	1.3	0.42	1	06/26/17 14:35	06/27/17 18:41	7439-92-1	
Selenium	<1.1	mg/kg	4.9	1.1	1	06/26/17 14:35	06/27/17 18:41	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<0.011	mg/kg	0.036	0.011	1	06/27/17 06:59	06/27/17 16:28	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.2	ug/kg	13.9	4.2	1	06/28/17 08:13	06/29/17 20:03	83-32-9	
Acenaphthylene	<3.6	ug/kg	11.9	3.6	1	06/28/17 08:13	06/29/17 20:03	208-96-8	
Anthracene	<6.2	ug/kg	20.5	6.2	1	06/28/17 08:13	06/29/17 20:03	120-12-7	
Benzo(a)anthracene	<3.4	ug/kg	11.4	3.4	1	06/28/17 08:13	06/29/17 20:03	56-55-3	
Benzo(a)pyrene	<2.7	ug/kg	9.0	2.7	1	06/28/17 08:13	06/29/17 20:03	50-32-8	
Benzo(b)fluoranthene	<3.0	ug/kg	10.1	3.0	1	06/28/17 08:13	06/29/17 20:03	205-99-2	
Benzo(g,h,i)perylene	<2.2	ug/kg	7.3	2.2	1	06/28/17 08:13	06/29/17 20:03	191-24-2	
Benzo(k)fluoranthene	<2.7	ug/kg	9.0	2.7	1	06/28/17 08:13	06/29/17 20:03	207-08-9	
Chrysene	<3.6	ug/kg	12.1	3.6	1	06/28/17 08:13	06/29/17 20:03	218-01-9	
Dibenz(a,h)anthracene	<2.4	ug/kg	8.0	2.4	1	06/28/17 08:13	06/29/17 20:03	53-70-3	
Fluoranthene	<5.6	ug/kg	18.7	5.6	1	06/28/17 08:13	06/29/17 20:03	206-44-0	
Fluorene	<4.5	ug/kg	14.9	4.5	1	06/28/17 08:13	06/29/17 20:03	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.4	ug/kg	7.9	2.4	1	06/28/17 08:13	06/29/17 20:03	193-39-5	
1-Methylnaphthalene	<4.3	ug/kg	14.4	4.3	1	06/28/17 08:13	06/29/17 20:03	90-12-0	
2-Methylnaphthalene	<5.4	ug/kg	18.0	5.4	1	06/28/17 08:13	06/29/17 20:03	91-57-6	
Naphthalene	<9.1	ug/kg	30.3	9.1	1	06/28/17 08:13	06/29/17 20:03	91-20-3	
Phenanthrene	<12.6	ug/kg	41.8	12.6	1	06/28/17 08:13	06/29/17 20:03	85-01-8	
Pyrene	<4.9	ug/kg	16.2	4.9	1	06/28/17 08:13	06/29/17 20:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	19-96		1	06/28/17 08:13	06/29/17 20:03	321-60-8	
Terphenyl-d14 (S)	90	%	31-98		1	06/28/17 08:13	06/29/17 20:03	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 19:17	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 19:17	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 19:17	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	74-87-3	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Sample: **B-10B 8-10** Lab ID: **40152219015** Collected: 06/21/17 13:15 Received: 06/23/17 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 19:17	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 08:00	06/27/17 19:17	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 19:17	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:17	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10B 8-10**      **Lab ID: 40152219015**      Collected: 06/21/17 13:15      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 19:17	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	06/27/17 08:00	06/27/17 19:17	1868-53-7	
Toluene-d8 (S)	111	%	68-149		1	06/27/17 08:00	06/27/17 19:17	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	06/27/17 08:00	06/27/17 19:17	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>7.3</b>	%	0.10	0.10	1		06/26/17 15:43		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10C 2-4**      **Lab ID: 40152219016**      Collected: 06/21/17 14:20      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	45.7	ug/kg	15.1	4.5	1	06/28/17 08:13	06/29/17 19:29	83-32-9	
Acenaphthylene	53.8	ug/kg	12.8	3.8	1	06/28/17 08:13	06/29/17 19:29	208-96-8	
Anthracene	126	ug/kg	22.2	6.7	1	06/28/17 08:13	06/29/17 19:29	120-12-7	
Benzo(a)anthracene	292	ug/kg	12.4	3.7	1	06/28/17 08:13	06/29/17 19:29	56-55-3	
Benzo(a)pyrene	238	ug/kg	9.8	2.9	1	06/28/17 08:13	06/29/17 19:29	50-32-8	
Benzo(b)fluoranthene	683	ug/kg	11.0	3.3	1	06/28/17 08:13	06/29/17 19:29	205-99-2	
Benzo(g,h,i)perylene	18.0	ug/kg	7.9	2.4	1	06/28/17 08:13	06/29/17 19:29	191-24-2	
Benzo(k)fluoranthene	668	ug/kg	9.8	2.9	1	06/28/17 08:13	06/29/17 19:29	207-08-9	
Chrysene	307	ug/kg	13.1	3.9	1	06/28/17 08:13	06/29/17 19:29	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.7	2.6	1	06/28/17 08:13	06/29/17 19:29	53-70-3	
Fluoranthene	559	ug/kg	20.3	6.1	1	06/28/17 08:13	06/29/17 19:29	206-44-0	
Fluorene	29.7	ug/kg	16.1	4.8	1	06/28/17 08:13	06/29/17 19:29	86-73-7	
Indeno(1,2,3-cd)pyrene	27.7	ug/kg	8.6	2.6	1	06/28/17 08:13	06/29/17 19:29	193-39-5	
1-Methylnaphthalene	239	ug/kg	15.6	4.7	1	06/28/17 08:13	06/29/17 19:29	90-12-0	
2-Methylnaphthalene	241	ug/kg	19.5	5.8	1	06/28/17 08:13	06/29/17 19:29	91-57-6	
Naphthalene	211	ug/kg	32.8	9.8	1	06/28/17 08:13	06/29/17 19:29	91-20-3	
Phenanthrene	687	ug/kg	45.3	13.6	1	06/28/17 08:13	06/29/17 19:29	85-01-8	
Pyrene	502	ug/kg	17.5	5.3	1	06/28/17 08:13	06/29/17 19:29	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	19-96		1	06/28/17 08:13	06/29/17 19:29	321-60-8	
Terphenyl-d14 (S)	57	%	31-98		1	06/28/17 08:13	06/29/17 19:29	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 19:40	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 19:40	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 19:40	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 19:40	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10C 2-4** Lab ID: 40152219016 Collected: 06/21/17 14:20 Received: 06/23/17 09:20 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	98-82-8	W
p-Isopropyltoluene	73.7	ug/kg	70.1	29.2	1	06/27/17 08:00	06/27/17 19:40	99-87-6	
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 08:00	06/27/17 19:40	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	127-18-4	W
Toluene	51.5J	ug/kg	70.1	29.2	1	06/27/17 08:00	06/27/17 19:40	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 19:40	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	96-18-4	W
1,2,4-Trimethylbenzene	31.5J	ug/kg	70.1	29.2	1	06/27/17 08:00	06/27/17 19:40	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 19:40	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 19:40	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	93	%	68-130		1	06/27/17 08:00	06/27/17 19:40	1868-53-7	
Toluene-d8 (S)	94	%	68-149		1	06/27/17 08:00	06/27/17 19:40	2037-26-5	
4-Bromofluorobenzene (S)	86	%	58-141		1	06/27/17 08:00	06/27/17 19:40	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture 14.4 % 0.10 0.10 1 06/26/17 15:44

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10C 6-8**      **Lab ID: 40152219017**      Collected: 06/21/17 14:25      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	14.9	4.5	1	06/28/17 08:13	06/30/17 11:53	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.7	3.8	1	06/28/17 08:13	06/30/17 11:53	208-96-8	
Anthracene	<6.6	ug/kg	21.9	6.6	1	06/28/17 08:13	06/30/17 11:53	120-12-7	
Benzo(a)anthracene	<3.7	ug/kg	12.2	3.7	1	06/28/17 08:13	06/30/17 11:53	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.6	2.9	1	06/28/17 08:13	06/30/17 11:53	50-32-8	
Benzo(b)fluoranthene	<3.3	ug/kg	10.8	3.3	1	06/28/17 08:13	06/30/17 11:53	205-99-2	
Benzo(g,h,i)perylene	<2.3	ug/kg	7.8	2.3	1	06/28/17 08:13	06/30/17 11:53	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.6	2.9	1	06/28/17 08:13	06/30/17 11:53	207-08-9	
Chrysene	<3.9	ug/kg	12.9	3.9	1	06/28/17 08:13	06/30/17 11:53	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.6	2.6	1	06/28/17 08:13	06/30/17 11:53	53-70-3	
Fluoranthene	<6.0	ug/kg	20.0	6.0	1	06/28/17 08:13	06/30/17 11:53	206-44-0	
Fluorene	<4.8	ug/kg	15.9	4.8	1	06/28/17 08:13	06/30/17 11:53	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.5	ug/kg	8.4	2.5	1	06/28/17 08:13	06/30/17 11:53	193-39-5	
1-Methylnaphthalene	<4.6	ug/kg	15.4	4.6	1	06/28/17 08:13	06/30/17 11:53	90-12-0	
2-Methylnaphthalene	<5.8	ug/kg	19.2	5.8	1	06/28/17 08:13	06/30/17 11:53	91-57-6	
Naphthalene	<9.7	ug/kg	32.4	9.7	1	06/28/17 08:13	06/30/17 11:53	91-20-3	
Phenanthrene	<13.4	ug/kg	44.7	13.4	1	06/28/17 08:13	06/30/17 11:53	85-01-8	
Pyrene	<5.2	ug/kg	17.3	5.2	1	06/28/17 08:13	06/30/17 11:53	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	19-96		1	06/28/17 08:13	06/30/17 11:53	321-60-8	
Terphenyl-d14 (S)	69	%	31-98		1	06/28/17 08:13	06/30/17 11:53	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 20:02	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 20:02	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 20:02	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 20:02	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10C 6-8**      **Lab ID: 40152219017**      Collected: 06/21/17 14:25      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 08:00	06/27/17 20:02	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 20:02	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:02	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 20:02	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	106	%	68-130		1	06/27/17 08:00	06/27/17 20:02	1868-53-7	
Toluene-d8 (S)	108	%	68-149		1	06/27/17 08:00	06/27/17 20:02	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	06/27/17 08:00	06/27/17 20:02	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	13.1	%	0.10	0.10	1	06/26/17 15:44
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10C 8-10**      **Lab ID: 40152219018**      Collected: 06/21/17 14:30      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<4.4	ug/kg	14.7	4.4	1	06/28/17 08:13	06/30/17 13:02	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.5	3.8	1	06/28/17 08:13	06/30/17 13:02	208-96-8	
Anthracene	<6.5	ug/kg	21.6	6.5	1	06/28/17 08:13	06/30/17 13:02	120-12-7	
Benzo(a)anthracene	<3.6	ug/kg	12.1	3.6	1	06/28/17 08:13	06/30/17 13:02	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.5	2.9	1	06/28/17 08:13	06/30/17 13:02	50-32-8	
Benzo(b)fluoranthene	<3.2	ug/kg	10.7	3.2	1	06/28/17 08:13	06/30/17 13:02	205-99-2	
Benzo(g,h,i)perylene	<2.3	ug/kg	7.7	2.3	1	06/28/17 08:13	06/30/17 13:02	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.5	2.9	1	06/28/17 08:13	06/30/17 13:02	207-08-9	
Chrysene	<3.8	ug/kg	12.8	3.8	1	06/28/17 08:13	06/30/17 13:02	218-01-9	
Dibenz(a,h)anthracene	<2.5	ug/kg	8.5	2.5	1	06/28/17 08:13	06/30/17 13:02	53-70-3	
Fluoranthene	<5.9	ug/kg	19.8	5.9	1	06/28/17 08:13	06/30/17 13:02	206-44-0	
Fluorene	<4.7	ug/kg	15.7	4.7	1	06/28/17 08:13	06/30/17 13:02	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.5	ug/kg	8.3	2.5	1	06/28/17 08:13	06/30/17 13:02	193-39-5	
1-Methylnaphthalene	<4.6	ug/kg	15.3	4.6	1	06/28/17 08:13	06/30/17 13:02	90-12-0	
2-Methylnaphthalene	<5.7	ug/kg	19.0	5.7	1	06/28/17 08:13	06/30/17 13:02	91-57-6	
Naphthalene	<9.6	ug/kg	32.0	9.6	1	06/28/17 08:13	06/30/17 13:02	91-20-3	
Phenanthrene	<13.3	ug/kg	44.2	13.3	1	06/28/17 08:13	06/30/17 13:02	85-01-8	
Pyrene	<5.1	ug/kg	17.1	5.1	1	06/28/17 08:13	06/30/17 13:02	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	55	%	19-96		1	06/28/17 08:13	06/30/17 13:02	321-60-8	
Terphenyl-d14 (S)	64	%	31-98		1	06/28/17 08:13	06/30/17 13:02	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 20:25	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 20:25	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 20:25	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 20:25	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

**Sample: B-10C 8-10**      **Lab ID: 40152219018**      Collected: 06/21/17 14:30      Received: 06/23/17 09:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 08:00	06/27/17 20:25	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 20:25	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:25	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 20:25	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	102	%	68-130		1	06/27/17 08:00	06/27/17 20:25	1868-53-7	
Toluene-d8 (S)	103	%	68-149		1	06/27/17 08:00	06/27/17 20:25	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	06/27/17 08:00	06/27/17 20:25	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>12.3</b>	%	0.10	0.10	1		06/26/17 15:44		
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## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

QC Batch: 259775 Analysis Method: EPA 7471  
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
Associated Lab Samples: 40152219001, 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219013, 40152219014, 40152219015

METHOD BLANK: 1530310 Matrix: Solid  
Associated Lab Samples: 40152219001, 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219013, 40152219014, 40152219015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	06/27/17 15:47	

LABORATORY CONTROL SAMPLE: 1530311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.78	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530312 1530313

Parameter	Units	40152219001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.64	.9	.9	1.3	1.2	69	67	85-115	2	20	M0

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

QC Batch: 259752 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152219001, 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219013, 40152219014, 40152219015

METHOD BLANK: 1530228 Matrix: Solid  
Associated Lab Samples: 40152219001, 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219013, 40152219014, 40152219015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	06/27/17 17:56	
Lead	mg/kg	<0.43	1.3	06/27/17 17:56	
Selenium	mg/kg	<1.1	5.0	06/27/17 17:56	

LABORATORY CONTROL SAMPLE: 1530229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.5	99	80-120	
Lead	mg/kg	50	47.6	95	80-120	
Selenium	mg/kg	50	54.1	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530230 1530231

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152219003 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/kg	3.1J	58.7	58.5	56.5	55.6	91	90	75-125	2	20
Lead	mg/kg	3.0	58.7	58.5	54.8	55.1	88	89	75-125	1	20
Selenium	mg/kg	<1.3	58.7	58.5	58.5	57.4	100	98	75-125	2	20

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

QC Batch: 259761 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219010, 40152219011

METHOD BLANK: 1530264 Matrix: Solid  
Associated Lab Samples: 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219010, 40152219011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/26/17 09:45	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/26/17 09:45	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/26/17 09:45	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/26/17 09:45	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/26/17 09:45	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/26/17 09:45	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/26/17 09:45	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/26/17 09:45	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/26/17 09:45	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/26/17 09:45	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/26/17 09:45	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/26/17 09:45	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/26/17 09:45	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/26/17 09:45	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/26/17 09:45	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/26/17 09:45	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/26/17 09:45	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/26/17 09:45	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/26/17 09:45	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/26/17 09:45	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/26/17 09:45	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/26/17 09:45	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/26/17 09:45	
Benzene	ug/kg	<9.2	20.0	06/26/17 09:45	
Bromobenzene	ug/kg	<20.6	50.0	06/26/17 09:45	
Bromochloromethane	ug/kg	<21.4	50.0	06/26/17 09:45	
Bromodichloromethane	ug/kg	<9.8	50.0	06/26/17 09:45	
Bromoform	ug/kg	<19.8	50.0	06/26/17 09:45	
Bromomethane	ug/kg	<69.9	250	06/26/17 09:45	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/26/17 09:45	
Chlorobenzene	ug/kg	<14.8	50.0	06/26/17 09:45	
Chloroethane	ug/kg	<67.0	250	06/26/17 09:45	
Chloroform	ug/kg	<46.4	250	06/26/17 09:45	
Chloromethane	ug/kg	<20.4	50.0	06/26/17 09:45	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/26/17 09:45	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/26/17 09:45	
Dibromochloromethane	ug/kg	<17.9	50.0	06/26/17 09:45	
Dibromomethane	ug/kg	<19.3	50.0	06/26/17 09:45	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/26/17 09:45	
Diisopropyl ether	ug/kg	<17.7	50.0	06/26/17 09:45	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

METHOD BLANK: 1530264 Matrix: Solid  
Associated Lab Samples: 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219010, 40152219011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	06/26/17 09:45	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	06/26/17 09:45	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/26/17 09:45	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/26/17 09:45	
Methylene Chloride	ug/kg	<16.2	50.0	06/26/17 09:45	
n-Butylbenzene	ug/kg	<10.5	50.0	06/26/17 09:45	
n-Propylbenzene	ug/kg	<11.6	50.0	06/26/17 09:45	
Naphthalene	ug/kg	<40.0	250	06/26/17 09:45	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/26/17 09:45	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/26/17 09:45	
Styrene	ug/kg	<9.0	50.0	06/26/17 09:45	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/26/17 09:45	
Tetrachloroethene	ug/kg	<12.9	50.0	06/26/17 09:45	
Toluene	ug/kg	<11.2	50.0	06/26/17 09:45	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/26/17 09:45	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/26/17 09:45	
Trichloroethene	ug/kg	<23.6	50.0	06/26/17 09:45	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/26/17 09:45	
Vinyl chloride	ug/kg	<21.1	50.0	06/26/17 09:45	
Xylene (Total)	ug/kg	<48.4	150	06/26/17 09:45	
4-Bromofluorobenzene (S)	%	87	58-141	06/26/17 09:45	
Dibromofluoromethane (S)	%	97	68-130	06/26/17 09:45	
Toluene-d8 (S)	%	99	68-149	06/26/17 09:45	

LABORATORY CONTROL SAMPLE: 1530265

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2430	97	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2190	88	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2350	94	70-130	
1,1-Dichloroethane	ug/kg	2500	2400	96	63-124	
1,1-Dichloroethene	ug/kg	2500	2180	87	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2030	81	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1980	79	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2130	85	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2290	91	70-130	
1,2-Dichloroethane	ug/kg	2500	2520	101	56-135	
1,2-Dichloropropane	ug/kg	2500	2340	94	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2210	88	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2190	87	70-130	
Benzene	ug/kg	2500	2380	95	66-130	
Bromodichloromethane	ug/kg	2500	2190	88	62-135	
Bromoform	ug/kg	2500	1770	71	68-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

LABORATORY CONTROL SAMPLE: 1530265

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2030	81	29-137	
Carbon tetrachloride	ug/kg	2500	2210	88	57-130	
Chlorobenzene	ug/kg	2500	2460	98	70-130	
Chloroethane	ug/kg	2500	2260	91	36-144	
Chloroform	ug/kg	2500	2430	97	69-115	
Chloromethane	ug/kg	2500	1940	78	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2420	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2130	85	70-130	
Dibromochloromethane	ug/kg	2500	2060	82	70-130	
Dichlorodifluoromethane	ug/kg	2500	1470	59	10-99	
Ethylbenzene	ug/kg	2500	2300	92	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2350	94	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2500	100	63-134	
Methylene Chloride	ug/kg	2500	2170	87	56-123	
Styrene	ug/kg	2500	2430	97	70-130	
Tetrachloroethene	ug/kg	2500	2330	93	70-131	
Toluene	ug/kg	2500	2330	93	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2470	99	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2190	88	68-130	
Trichloroethene	ug/kg	2500	2410	96	70-130	
Trichlorofluoromethane	ug/kg	2500	2440	98	37-149	
Vinyl chloride	ug/kg	2500	2050	82	43-128	
Xylene (Total)	ug/kg	7500	6890	92	70-130	
4-Bromofluorobenzene (S)	%			84	58-141	
Dibromofluoromethane (S)	%			91	68-130	
Toluene-d8 (S)	%			87	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530266 1530267

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152181003	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1370	1370	1350	1330	98	97	57-123	1	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1370	1370	1250	1340	91	98	73-135	7	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1370	1370	1300	1390	95	101	70-130	6	20		
1,1-Dichloroethane	ug/kg	<25.0	1370	1370	1320	1370	97	100	63-124	4	20		
1,1-Dichloroethene	ug/kg	<25.0	1370	1370	1130	1100	82	80	48-117	3	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1370	1370	1270	1250	93	92	78-145	1	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1370	1370	1150	1150	84	84	38-168	1	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1370	1370	1180	1330	86	97	70-130	11	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1370	1370	1280	1320	94	96	70-130	3	20		
1,2-Dichloroethane	ug/kg	<25.0	1370	1370	1480	1500	108	109	56-145	1	20		
1,2-Dichloropropane	ug/kg	<25.0	1370	1370	1310	1240	96	90	77-123	6	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1370	1370	1270	1330	93	97	70-130	4	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1370	1370	1330	1320	97	96	70-130	1	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530266		1530267		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40152181003 Result	MS Spike Conc.	MSD Spike Conc.									
Benzene	ug/kg	<25.0	1370	1370	1340	1320	98	97	65-130	1	20		
Bromodichloromethane	ug/kg	<25.0	1370	1370	1210	1210	88	88	59-141	0	20		
Bromoform	ug/kg	<25.0	1370	1370	1060	1110	78	81	59-141	4	20		
Bromomethane	ug/kg	<69.9	1370	1370	908	1040	66	76	28-139	13	20		
Carbon tetrachloride	ug/kg	<25.0	1370	1370	1250	1190	91	87	50-130	5	20		
Chlorobenzene	ug/kg	<25.0	1370	1370	1390	1360	102	99	70-130	2	20		
Chloroethane	ug/kg	<67.0	1370	1370	1460	1290	107	94	36-144	13	20		
Chloroform	ug/kg	<46.4	1370	1370	1420	1380	104	101	68-122	3	20		
Chloromethane	ug/kg	<25.0	1370	1370	884	874	65	64	30-126	1	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1370	1370	1330	1340	97	98	63-130	1	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1370	1370	1150	1150	84	84	70-130	0	20		
Dibromochloromethane	ug/kg	<25.0	1370	1370	1020	1230	74	90	66-136	19	20		
Dichlorodifluoromethane	ug/kg	<25.0	1370	1370	325	433	24	32	10-99	29	33		
Ethylbenzene	ug/kg	<25.0	1370	1370	1260	1340	92	98	80-122	6	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1370	1370	1260	1350	92	98	70-130	6	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1370	1370	1390	1430	102	105	63-134	3	20		
Methylene Chloride	ug/kg	<25.0	1370	1370	1240	1340	91	98	56-127	8	20		
Styrene	ug/kg	<25.0	1370	1370	1300	1350	95	98	70-130	3	20		
Tetrachloroethene	ug/kg	<25.0	1370	1370	1230	1280	90	94	70-131	4	20		
Toluene	ug/kg	<25.0	1370	1370	1290	1280	94	93	80-120	1	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1370	1370	1330	1240	97	90	60-130	7	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1370	1370	1210	1220	88	89	68-130	1	20		
Trichloroethene	ug/kg	<25.0	1370	1370	1340	1310	98	96	70-130	2	20		
Trichlorofluoromethane	ug/kg	<25.0	1370	1370	1200	1220	88	89	37-149	2	24		
Vinyl chloride	ug/kg	<25.0	1370	1370	937	901	68	66	39-128	4	20		
Xylene (Total)	ug/kg	<75.0	4110	4110	3830	3920	93	95	70-130	2	20		
4-Bromofluorobenzene (S)	%						103	83	58-141				
Dibromofluoromethane (S)	%						110	89	68-130				
Toluene-d8 (S)	%						106	88	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

QC Batch: 259912 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152219001, 40152219012, 40152219013, 40152219014, 40152219015, 40152219016, 40152219017, 40152219018

METHOD BLANK: 1530891 Matrix: Solid  
Associated Lab Samples: 40152219001, 40152219012, 40152219013, 40152219014, 40152219015, 40152219016, 40152219017, 40152219018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/27/17 09:04	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/27/17 09:04	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/27/17 09:04	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/27/17 09:04	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/27/17 09:04	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/27/17 09:04	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/27/17 09:04	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/27/17 09:04	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/27/17 09:04	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/27/17 09:04	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/27/17 09:04	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/27/17 09:04	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/27/17 09:04	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/27/17 09:04	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/27/17 09:04	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/27/17 09:04	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/27/17 09:04	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/27/17 09:04	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/27/17 09:04	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/27/17 09:04	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/27/17 09:04	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/27/17 09:04	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/27/17 09:04	
Benzene	ug/kg	<9.2	20.0	06/27/17 09:04	
Bromobenzene	ug/kg	<20.6	50.0	06/27/17 09:04	
Bromochloromethane	ug/kg	<21.4	50.0	06/27/17 09:04	
Bromodichloromethane	ug/kg	<9.8	50.0	06/27/17 09:04	
Bromoform	ug/kg	<19.8	50.0	06/27/17 09:04	
Bromomethane	ug/kg	<69.9	250	06/27/17 09:04	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/27/17 09:04	
Chlorobenzene	ug/kg	<14.8	50.0	06/27/17 09:04	
Chloroethane	ug/kg	<67.0	250	06/27/17 09:04	
Chloroform	ug/kg	<46.4	250	06/27/17 09:04	
Chloromethane	ug/kg	<20.4	50.0	06/27/17 09:04	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/27/17 09:04	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/27/17 09:04	
Dibromochloromethane	ug/kg	<17.9	50.0	06/27/17 09:04	
Dibromomethane	ug/kg	<19.3	50.0	06/27/17 09:04	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/27/17 09:04	
Diisopropyl ether	ug/kg	<17.7	50.0	06/27/17 09:04	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

METHOD BLANK: 1530891

Matrix: Solid

Associated Lab Samples: 40152219001, 40152219012, 40152219013, 40152219014, 40152219015, 40152219016, 40152219017, 40152219018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	06/27/17 09:04	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	06/27/17 09:04	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/27/17 09:04	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/27/17 09:04	
Methylene Chloride	ug/kg	<16.2	50.0	06/27/17 09:04	
n-Butylbenzene	ug/kg	<10.5	50.0	06/27/17 09:04	
n-Propylbenzene	ug/kg	<11.6	50.0	06/27/17 09:04	
Naphthalene	ug/kg	<40.0	250	06/27/17 09:04	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/27/17 09:04	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/27/17 09:04	
Styrene	ug/kg	<9.0	50.0	06/27/17 09:04	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/27/17 09:04	
Tetrachloroethene	ug/kg	<12.9	50.0	06/27/17 09:04	
Toluene	ug/kg	<11.2	50.0	06/27/17 09:04	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/27/17 09:04	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/27/17 09:04	
Trichloroethene	ug/kg	<23.6	50.0	06/27/17 09:04	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/27/17 09:04	
Vinyl chloride	ug/kg	<21.1	50.0	06/27/17 09:04	
Xylene (Total)	ug/kg	<48.4	150	06/27/17 09:04	
4-Bromofluorobenzene (S)	%	94	58-141	06/27/17 09:04	
Dibromofluoromethane (S)	%	99	68-130	06/27/17 09:04	
Toluene-d8 (S)	%	106	68-149	06/27/17 09:04	

LABORATORY CONTROL SAMPLE: 1530892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2410	96	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2660	106	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2510	100	70-130	
1,1-Dichloroethane	ug/kg	2500	2350	94	63-124	
1,1-Dichloroethene	ug/kg	2500	2380	95	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2380	95	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2460	98	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2590	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2580	103	70-130	
1,2-Dichloroethane	ug/kg	2500	2760	111	56-135	
1,2-Dichloropropane	ug/kg	2500	2400	96	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2460	99	70-130	
Benzene	ug/kg	2500	2370	95	66-130	
Bromodichloromethane	ug/kg	2500	2400	96	62-135	
Bromoform	ug/kg	2500	2350	94	68-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

LABORATORY CONTROL SAMPLE: 1530892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2140	86	29-137	
Carbon tetrachloride	ug/kg	2500	2430	97	57-130	
Chlorobenzene	ug/kg	2500	2490	100	70-130	
Chloroethane	ug/kg	2500	2470	99	36-144	
Chloroform	ug/kg	2500	2420	97	69-115	
Chloromethane	ug/kg	2500	1690	67	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2230	89	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2420	97	70-130	
Dibromochloromethane	ug/kg	2500	2320	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1500	60	10-99	
Ethylbenzene	ug/kg	2500	2440	97	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2410	96	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2500	100	63-134	
Methylene Chloride	ug/kg	2500	2530	101	56-123	
Styrene	ug/kg	2500	2420	97	70-130	
Tetrachloroethene	ug/kg	2500	2510	101	70-131	
Toluene	ug/kg	2500	2460	98	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2280	91	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2490	100	68-130	
Trichloroethene	ug/kg	2500	2540	102	70-130	
Trichlorofluoromethane	ug/kg	2500	2600	104	37-149	
Vinyl chloride	ug/kg	2500	2050	82	43-128	
Xylene (Total)	ug/kg	7500	7080	94	70-130	
4-Bromofluorobenzene (S)	%			94	58-141	
Dibromofluoromethane (S)	%			99	68-130	
Toluene-d8 (S)	%			97	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530893 1530894

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40152307006 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/kg	<25.0	1580	1580	1320	1380	84	87	57-123	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1580	1580	1630	1570	103	100	73-135	4	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1580	1580	1580	1550	100	98	70-130	2	20	
1,1-Dichloroethane	ug/kg	<25.0	1580	1580	1360	1360	86	86	63-124	0	20	
1,1-Dichloroethene	ug/kg	<25.0	1580	1580	1320	1400	83	88	48-117	6	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1580	1580	1600	1600	101	101	78-145	0	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1580	1580	1460	1410	92	89	38-168	3	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1580	1580	1610	1600	102	101	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1580	1580	1600	1640	101	104	70-130	2	20	
1,2-Dichloroethane	ug/kg	<25.0	1580	1580	1720	1670	109	106	56-145	3	20	
1,2-Dichloropropane	ug/kg	<25.0	1580	1580	1500	1480	95	93	77-123	2	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1580	1580	1590	1590	101	101	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1580	1580	1580	1580	100	100	70-130	0	20	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530893 1530894											
Parameter	Units	40152307006 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	Spike Conc.							
Benzene	ug/kg	<25.0	1580	1580	1420	1420	90	90	65-130	1	20
Bromodichloromethane	ug/kg	<25.0	1580	1580	1460	1480	93	93	59-141	1	20
Bromoform	ug/kg	<25.0	1580	1580	1360	1380	86	87	59-141	1	20
Bromomethane	ug/kg	<69.9	1580	1580	1300	1330	82	84	28-139	3	20
Carbon tetrachloride	ug/kg	<25.0	1580	1580	1260	1340	80	85	50-130	7	20
Chlorobenzene	ug/kg	<25.0	1580	1580	1560	1560	99	99	70-130	0	20
Chloroethane	ug/kg	<67.0	1580	1580	1390	1470	88	93	36-144	6	20
Chloroform	ug/kg	<46.4	1580	1580	1520	1530	96	97	68-122	1	20
Chloromethane	ug/kg	<25.0	1580	1580	957	980	61	62	30-126	2	20
cis-1,2-Dichloroethene	ug/kg	<25.0	1580	1580	1400	1360	89	86	63-130	3	20
cis-1,3-Dichloropropene	ug/kg	<25.0	1580	1580	1480	1450	94	92	70-130	2	20
Dibromochloromethane	ug/kg	<25.0	1580	1580	1390	1400	88	89	66-136	1	20
Dichlorodifluoromethane	ug/kg	<25.0	1580	1580	608	674	38	43	10-99	10	33
Ethylbenzene	ug/kg	<25.0	1580	1580	1420	1500	90	95	80-122	5	20
Isopropylbenzene (Cumene)	ug/kg	<25.0	1580	1580	1380	1420	87	90	70-130	3	20
Methyl-tert-butyl ether	ug/kg	<25.0	1580	1580	1620	1570	102	99	63-134	3	20
Methylene Chloride	ug/kg	<25.0	1580	1580	1640	1610	104	102	56-127	2	20
Styrene	ug/kg	<25.0	1580	1580	1490	1490	94	94	70-130	0	20
Tetrachloroethene	ug/kg	<25.0	1580	1580	1370	1450	86	92	70-131	6	20
Toluene	ug/kg	<25.0	1580	1580	1490	1510	94	95	80-120	1	20
trans-1,2-Dichloroethene	ug/kg	<25.0	1580	1580	1360	1420	86	90	60-130	4	20
trans-1,3-Dichloropropene	ug/kg	<25.0	1580	1580	1490	1490	94	94	68-130	0	20
Trichloroethene	ug/kg	<25.0	1580	1580	1490	1530	94	97	70-130	3	20
Trichlorofluoromethane	ug/kg	<25.0	1580	1580	1290	1510	82	95	37-149	15	24
Vinyl chloride	ug/kg	<25.0	1580	1580	1040	1120	66	71	39-128	7	20
Xylene (Total)	ug/kg	<75.0	4740	4740	4240	4370	89	92	70-130	3	20
4-Bromofluorobenzene (S)	%						93	91	58-141		
Dibromofluoromethane (S)	%						100	98	68-130		
Toluene-d8 (S)	%						102	100	68-149		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

QC Batch: 259827 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152219001, 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219010

METHOD BLANK: 1530456 Matrix: Solid  
Associated Lab Samples: 40152219001, 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007, 40152219008, 40152219009, 40152219010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	06/27/17 17:42	
2-Methylnaphthalene	ug/kg	5.4J	16.7	06/27/17 17:42	
Acenaphthene	ug/kg	<3.9	12.9	06/27/17 17:42	
Acenaphthylene	ug/kg	<3.3	11.0	06/27/17 17:42	
Anthracene	ug/kg	<5.7	19.0	06/27/17 17:42	
Benzo(a)anthracene	ug/kg	<3.2	10.6	06/27/17 17:42	
Benzo(a)pyrene	ug/kg	<2.5	8.4	06/27/17 17:42	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	06/27/17 17:42	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	06/27/17 17:42	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	06/27/17 17:42	
Chrysene	ug/kg	<3.4	11.2	06/27/17 17:42	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	06/27/17 17:42	
Fluoranthene	ug/kg	<5.2	17.4	06/27/17 17:42	
Fluorene	ug/kg	<4.1	13.8	06/27/17 17:42	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	06/27/17 17:42	
Naphthalene	ug/kg	<8.4	28.1	06/27/17 17:42	
Phenanthrene	ug/kg	<11.7	38.8	06/27/17 17:42	
Pyrene	ug/kg	<4.5	15.0	06/27/17 17:42	
2-Fluorobiphenyl (S)	%	63	19-96	06/27/17 17:42	
Terphenyl-d14 (S)	%	77	31-98	06/27/17 17:42	

LABORATORY CONTROL SAMPLE: 1530457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	227	68	49-102	
2-Methylnaphthalene	ug/kg	334	226	68	47-91	
Acenaphthene	ug/kg	334	260	78	52-97	
Acenaphthylene	ug/kg	334	253	76	49-97	
Anthracene	ug/kg	334	269	80	62-101	
Benzo(a)anthracene	ug/kg	334	232	70	53-95	
Benzo(a)pyrene	ug/kg	334	267	80	57-108	
Benzo(b)fluoranthene	ug/kg	334	259	78	53-113	
Benzo(g,h,i)perylene	ug/kg	334	277	83	43-114	
Benzo(k)fluoranthene	ug/kg	334	274	82	66-116	
Chrysene	ug/kg	334	253	76	64-109	
Dibenz(a,h)anthracene	ug/kg	334	276	83	50-105	
Fluoranthene	ug/kg	334	262	79	58-107	
Fluorene	ug/kg	334	258	77	52-99	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

LABORATORY CONTROL SAMPLE: 1530457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	334	268	80	51-113	
Naphthalene	ug/kg	334	231	69	50-91	
Phenanthrene	ug/kg	334	260	78	57-101	
Pyrene	ug/kg	334	240	72	50-102	
2-Fluorobiphenyl (S)	%			70	19-96	
Terphenyl-d14 (S)	%			72	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530458 1530459

Parameter	Units	40152229021		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
1-Methylnaphthalene	ug/kg	<16.4	407	409	270	247	66	61	37-102	9	29		
2-Methylnaphthalene	ug/kg	<20.5	407	409	271	253	67	62	44-91	7	36		
Acenaphthene	ug/kg	<15.8	407	409	298	275	73	67	46-97	8	26		
Acenaphthylene	ug/kg	<13.5	407	409	298	273	73	67	47-97	9	29		
Anthracene	ug/kg	<23.3	407	409	293	278	72	68	50-101	5	28		
Benzo(a)anthracene	ug/kg	<13.0	407	409	255	250	62	61	48-95	2	28		
Benzo(a)pyrene	ug/kg	<10.3	407	409	283	276	69	67	47-108	3	36		
Benzo(b)fluoranthene	ug/kg	<11.5	407	409	282	273	69	66	42-113	3	34		
Benzo(g,h,i)perylene	ug/kg	<8.3	407	409	274	271	67	66	18-114	1	30		
Benzo(k)fluoranthene	ug/kg	<10.2	407	409	288	282	70	69	50-116	2	27		
Chrysene	ug/kg	<13.7	407	409	274	267	67	65	55-109	3	28		
Dibenz(a,h)anthracene	ug/kg	<9.1	407	409	289	282	71	69	39-105	2	29		
Fluoranthene	ug/kg	<21.3	407	409	282	271	68	66	41-107	4	28		
Fluorene	ug/kg	<16.9	407	409	287	269	70	66	48-99	7	28		
Indeno(1,2,3-cd)pyrene	ug/kg	<9.0	407	409	275	271	67	66	27-113	1	30		
Naphthalene	ug/kg	<34.4	407	409	283	259	69	63	40-91	9	37		
Phenanthrene	ug/kg	<47.6	407	409	285	269	70	66	46-101	6	40		
Pyrene	ug/kg	<18.4	407	409	257	248	62	60	50-102	4	31		
2-Fluorobiphenyl (S)	%						64	60	19-96				
Terphenyl-d14 (S)	%						62	60	31-98				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

QC Batch: 259961 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152219011, 40152219012, 40152219013, 40152219014, 40152219015, 40152219016, 40152219017, 40152219018

METHOD BLANK: 1531111 Matrix: Solid  
Associated Lab Samples: 40152219011, 40152219012, 40152219013, 40152219014, 40152219015, 40152219016, 40152219017, 40152219018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	06/28/17 15:53	
2-Methylnaphthalene	ug/kg	<5.0	16.7	06/28/17 15:53	
Acenaphthene	ug/kg	<3.9	12.9	06/28/17 15:53	
Acenaphthylene	ug/kg	<3.3	11.0	06/28/17 15:53	
Anthracene	ug/kg	<5.7	19.0	06/28/17 15:53	
Benzo(a)anthracene	ug/kg	<3.2	10.6	06/28/17 15:53	
Benzo(a)pyrene	ug/kg	<2.5	8.4	06/28/17 15:53	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	06/28/17 15:53	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	06/28/17 15:53	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	06/28/17 15:53	
Chrysene	ug/kg	<3.4	11.2	06/28/17 15:53	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	06/28/17 15:53	
Fluoranthene	ug/kg	<5.2	17.4	06/28/17 15:53	
Fluorene	ug/kg	<4.1	13.8	06/28/17 15:53	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	06/28/17 15:53	
Naphthalene	ug/kg	<8.4	28.1	06/28/17 15:53	
Phenanthrene	ug/kg	<11.7	38.8	06/28/17 15:53	
Pyrene	ug/kg	<4.5	15.0	06/28/17 15:53	
2-Fluorobiphenyl (S)	%	64	19-96	06/28/17 15:53	
Terphenyl-d14 (S)	%	75	31-98	06/28/17 15:53	

LABORATORY CONTROL SAMPLE: 1531112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	232	69	49-102	
2-Methylnaphthalene	ug/kg	334	242	73	47-91	
Acenaphthene	ug/kg	334	256	77	52-97	
Acenaphthylene	ug/kg	334	245	73	49-97	
Anthracene	ug/kg	334	248	74	62-101	
Benzo(a)anthracene	ug/kg	334	219	66	53-95	
Benzo(a)pyrene	ug/kg	334	248	74	57-108	
Benzo(b)fluoranthene	ug/kg	334	237	71	53-113	
Benzo(g,h,i)perylene	ug/kg	334	219	66	43-114	
Benzo(k)fluoranthene	ug/kg	334	259	78	66-116	
Chrysene	ug/kg	334	239	72	64-109	
Dibenz(a,h)anthracene	ug/kg	334	242	73	50-105	
Fluoranthene	ug/kg	334	243	73	58-107	
Fluorene	ug/kg	334	249	75	52-99	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

LABORATORY CONTROL SAMPLE: 1531112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	334	234	70	51-113	
Naphthalene	ug/kg	334	232	69	50-91	
Phenanthrene	ug/kg	334	246	74	57-101	
Pyrene	ug/kg	334	228	68	50-102	
2-Fluorobiphenyl (S)	%			70	19-96	
Terphenyl-d14 (S)	%			68	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1531113 1531114

Parameter	Units	40152229018		1531113		1531114		% Rec	% Rec	% Rec Limits	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					
1-Methylnaphthalene	ug/kg	638	371	371	1110	996	127	96	37-102	11	29	M1
2-Methylnaphthalene	ug/kg	760	371	371	1320	1220	152	124	44-91	8	36	M1
Acenaphthene	ug/kg	<144	371	371	360	350	83	80	46-97	3	26	
Acenaphthylene	ug/kg	<123	371	371	314	298	85	80	47-97	5	29	
Anthracene	ug/kg	<212	371	371	274	281	71	73	50-101	2	28	
Benzo(a)anthracene	ug/kg	<118	371	371	279	295	72	76	48-95	6	28	
Benzo(a)pyrene	ug/kg	<93.5	371	371	258	264	70	71	47-108	2	36	
Benzo(b)fluoranthene	ug/kg	<105	371	371	257	238	69	64	42-113	8	34	
Benzo(g,h,i)perylene	ug/kg	<75.6	371	371	315	334	85	90	18-114	6	30	
Benzo(k)fluoranthene	ug/kg	<93.4	371	371	253	275	68	74	50-116	8	27	
Chrysene	ug/kg	<125	371	371	269	281	73	76	55-109	4	28	
Dibenz(a,h)anthracene	ug/kg	<83.2	371	371	252	282	68	76	39-105	11	29	
Fluoranthene	ug/kg	<194	371	371	246	246	66	66	41-107	0	28	
Fluorene	ug/kg	<154	371	371	285	294	77	79	48-99	3	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<81.9	371	371	252	293	68	79	27-113	15	30	
Naphthalene	ug/kg	1220	371	371	1950	1670	197	121	40-91	16	37	M1
Phenanthrene	ug/kg	<433	371	371	276J	313J	69	79	46-101		40	
Pyrene	ug/kg	<168	371	371	261	269	70	73	50-102	3	31	
2-Fluorobiphenyl (S)	%						85	94	19-96			
Terphenyl-d14 (S)	%						69	68	31-98			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

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QC Batch:	259778	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152219001, 40152219002, 40152219003, 40152219004, 40152219005, 40152219006, 40152219007		

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SAMPLE DUPLICATE: 1530315

Parameter	Units	40152219006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.8	17.0	1	10	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152219

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QC Batch:	259792	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152219008, 40152219009, 40152219010, 40152219011, 40152219012, 40152219013, 40152219014, 40152219015, 40152219016, 40152219017, 40152219018		

---

SAMPLE DUPLICATE: 1530357

Parameter	Units	40152219018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.3	12.9	5	10	

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### BATCH QUALIFIERS

Batch: 259918

[IP] Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

### ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152219001	B-30 2-4	EPA 3050	259752	EPA 6010	259890
40152219002	B-30 6-8	EPA 3050	259752	EPA 6010	259890
40152219003	B-30 8-10	EPA 3050	259752	EPA 6010	259890
40152219004	B-31 2-4	EPA 3050	259752	EPA 6010	259890
40152219005	B-31 6-8	EPA 3050	259752	EPA 6010	259890
40152219006	B-31 8-10	EPA 3050	259752	EPA 6010	259890
40152219007	B-32 0-2	EPA 3050	259752	EPA 6010	259890
40152219008	B-32 8-10	EPA 3050	259752	EPA 6010	259890
40152219009	B-32 10-12	EPA 3050	259752	EPA 6010	259890
40152219013	B-10B 2-4	EPA 3050	259752	EPA 6010	259890
40152219014	B-10B 6-8	EPA 3050	259752	EPA 6010	259890
40152219015	B-10B 8-10	EPA 3050	259752	EPA 6010	259890
40152219001	B-30 2-4	EPA 7471	259775	EPA 7471	259851
40152219002	B-30 6-8	EPA 7471	259775	EPA 7471	259851
40152219003	B-30 8-10	EPA 7471	259775	EPA 7471	259851
40152219004	B-31 2-4	EPA 7471	259775	EPA 7471	259851
40152219005	B-31 6-8	EPA 7471	259775	EPA 7471	259851
40152219006	B-31 8-10	EPA 7471	259775	EPA 7471	259851
40152219007	B-32 0-2	EPA 7471	259775	EPA 7471	259851
40152219008	B-32 8-10	EPA 7471	259775	EPA 7471	259851
40152219009	B-32 10-12	EPA 7471	259775	EPA 7471	259851
40152219013	B-10B 2-4	EPA 7471	259775	EPA 7471	259851
40152219014	B-10B 6-8	EPA 7471	259775	EPA 7471	259851
40152219015	B-10B 8-10	EPA 7471	259775	EPA 7471	259851
40152219001	B-30 2-4	EPA 3546	259827	EPA 8270 by SIM	259918
40152219002	B-30 6-8	EPA 3546	259827	EPA 8270 by SIM	259918
40152219003	B-30 8-10	EPA 3546	259827	EPA 8270 by SIM	259918
40152219004	B-31 2-4	EPA 3546	259827	EPA 8270 by SIM	259918
40152219005	B-31 6-8	EPA 3546	259827	EPA 8270 by SIM	259918
40152219006	B-31 8-10	EPA 3546	259827	EPA 8270 by SIM	259918
40152219007	B-32 0-2	EPA 3546	259827	EPA 8270 by SIM	259918
40152219008	B-32 8-10	EPA 3546	259827	EPA 8270 by SIM	259918
40152219009	B-32 10-12	EPA 3546	259827	EPA 8270 by SIM	259918
40152219010	B-10A 2-4	EPA 3546	259827	EPA 8270 by SIM	259918
40152219011	B-10A 6-8	EPA 3546	259961	EPA 8270 by SIM	260046
40152219012	B-10A 8-10	EPA 3546	259961	EPA 8270 by SIM	260046
40152219013	B-10B 2-4	EPA 3546	259961	EPA 8270 by SIM	260046
40152219014	B-10B 6-8	EPA 3546	259961	EPA 8270 by SIM	260046
40152219015	B-10B 8-10	EPA 3546	259961	EPA 8270 by SIM	260046
40152219016	B-10C 2-4	EPA 3546	259961	EPA 8270 by SIM	260046
40152219017	B-10C 6-8	EPA 3546	259961	EPA 8270 by SIM	260046
40152219018	B-10C 8-10	EPA 3546	259961	EPA 8270 by SIM	260046
40152219001	B-30 2-4	EPA 5035/5030B	259912	EPA 8260	259913
40152219002	B-30 6-8	EPA 5035/5030B	259761	EPA 8260	259762
40152219003	B-30 8-10	EPA 5035/5030B	259761	EPA 8260	259762
40152219004	B-31 2-4	EPA 5035/5030B	259761	EPA 8260	259762

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152219

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152219005	B-31 6-8	EPA 5035/5030B	259761	EPA 8260	259762
40152219006	B-31 8-10	EPA 5035/5030B	259761	EPA 8260	259762
40152219007	B-32 0-2	EPA 5035/5030B	259761	EPA 8260	259762
40152219008	B-32 8-10	EPA 5035/5030B	259761	EPA 8260	259762
40152219009	B-32 10-12	EPA 5035/5030B	259761	EPA 8260	259762
40152219010	B-10A 2-4	EPA 5035/5030B	259761	EPA 8260	259762
40152219011	B-10A 6-8	EPA 5035/5030B	259761	EPA 8260	259762
40152219012	B-10A 8-10	EPA 5035/5030B	259912	EPA 8260	259913
40152219013	B-10B 2-4	EPA 5035/5030B	259912	EPA 8260	259913
40152219014	B-10B 6-8	EPA 5035/5030B	259912	EPA 8260	259913
40152219015	B-10B 8-10	EPA 5035/5030B	259912	EPA 8260	259913
40152219016	B-10C 2-4	EPA 5035/5030B	259912	EPA 8260	259913
40152219017	B-10C 6-8	EPA 5035/5030B	259912	EPA 8260	259913
40152219018	B-10C 8-10	EPA 5035/5030B	259912	EPA 8260	259913
40152219001	B-30 2-4	ASTM D2974-87	259778		
40152219002	B-30 6-8	ASTM D2974-87	259778		
40152219003	B-30 8-10	ASTM D2974-87	259778		
40152219004	B-31 2-4	ASTM D2974-87	259778		
40152219005	B-31 6-8	ASTM D2974-87	259778		
40152219006	B-31 8-10	ASTM D2974-87	259778		
40152219007	B-32 0-2	ASTM D2974-87	259778		
40152219008	B-32 8-10	ASTM D2974-87	259792		
40152219009	B-32 10-12	ASTM D2974-87	259792		
40152219010	B-10A 2-4	ASTM D2974-87	259792		
40152219011	B-10A 6-8	ASTM D2974-87	259792		
40152219012	B-10A 8-10	ASTM D2974-87	259792		
40152219013	B-10B 2-4	ASTM D2974-87	259792		
40152219014	B-10B 6-8	ASTM D2974-87	259792		
40152219015	B-10B 8-10	ASTM D2974-87	259792		
40152219016	B-10C 2-4	ASTM D2974-87	259792		
40152219017	B-10C 6-8	ASTM D2974-87	259792		
40152219018	B-10C 8-10	ASTM D2974-87	259792		

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### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40152219

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page:                      of	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:		REGULATORY AGENCY <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:			
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:			
Phone: 262-544-0118	Fax:	Project Name: The Couture		Pace Quote Reference:		Site Location	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:		STATE: WI	
				Pace Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives									Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
		MATRIX	CODE			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other	VOC		PAH	Arsenic	Lead	Selenium	Mercury							
		DRINKING WATER	DW			DATE	TIME	DATE	TIME			x																					
1	B-10A 2-4	010		SL	G	6/21/17	1200			2	x						x	x									1-40mLV <sup>A</sup>	1-402p <sup>A</sup>	1-402ag <sup>A</sup>				
2	B-10A 6-8	011		SL	G		1205			2	x						x	x															
3	B-10A 8-10	012		SL	G		1210			2	x						x	x															
4	B-10B 2-4	013		SL	G		1305			2	x						x	x															
5	B-10B 6-8	014		SL	G		1310			2	x						x	x															
6	B-10B 8-10	015		SL	G		1315			2	x						x	x															
7	B-10C 2-4	016		SL	G		1420			2	x						x	x															
8	B-10C 6-8	017		SL	G		1425			2	x						x	x															
9	B-10C 8-10	018		SL	G		1430			2	x						x	x															
10				SL	G					2	x						x	x															
11				SL	G					2	x						x	x															
12				SL	G					2	x						x	x															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Stephen Deusen / Giles	6/22/17	10:15	Mary Farnin	6/22/17	10:15	
	Mary Farnin	6/23/17	14:15				
	CS Logistics	6/23/17	0920	Kimberly Ketyche Pace	6/23/17	0920	ROI Y Y Y

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden					
SIGNATURE of SAMPLER: <i>Kay Hayden</i>		DATE Signed (MM/DD/YY): 6/21/17			

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.



Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: WO#: 40152219

Client Name: Giles Eng

Courier: Fed Ex UPS Client Pace Other: CS Logistics
Tracking #:



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: KOI /Corr: Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 6-23-17
Initials: KR

Comments:

Table with 15 rows of inspection items and checkboxes. Includes items like Chain of Custody Present, Short Hold Time Analysis, Rush Turn Around Time, etc.

Client Notification/ Resolution:
Person Contacted: Date/Time:
Comments/ Resolution: 6-23-17 KR

Project Manager Review: RMR for Am Date: 6/23/17



# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page:                of	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesegr.com		Attention:		<b>REGULATORY AGENCY</b> <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Address: N8 W22350 Johnson Drive Ste. A1		Copy To: Kelly Hayden khayden@gilesegr.com		Company Name:			
Waukesha WI 53186				Address:			
Email To: kbugel@gilesegr.com		Purchase Order No.:		Pace Quote Reference:			
Phone: 262-544-0118    Fax:		Project Name: The Couture		Pace Project Manager:		Site Location	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Profile #:		STATE: WI	

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Analysis Test↓	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)
		MATRIX	CODE			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other			VOC	PAH	Arsenic	Lead	Selenium	Mercury					
		DRINKING WATER	DW			DATE	TIME	DATE	TIME																							
		WATER	WT																													
1	B-30 2-4			SL	G	6/2/17	855			2	x							x	x	x	x	x										
2	B-30 6-8			SL	G		900			2	x							x	x	x	x	x										
3	B-30 8-10			SL	G		905			2	x							x	x	x	x	x										
4	B-31 2-4			SL	G		945			2	x							x	x	x	x	x										
5	B-31 6-8			SL	G		950			2	x							x	x	x	x	x										
6	B-31 8-10			SL	G		955			2	x							x	x	x	x	x										
7	B-32 0-2			SL	G		1050			2	x							x	x	x	x	x										
8	B-32 8-10			SL	G		1055			2	x							x	x	x	x	x										
9	B-32 10-12			SL	G		1100			2	x							x	x	x	x	x										
10				SL	G					2	x							x	x													
11				SL	G					2	x							x	x													
12				SL	G					2	x							x	x													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	/ Giles						

<b>SAMPLER NAME AND SIGNATURE</b> PRINT Name of SAMPLER: Kelly Hayden		Temp in °C Received on Ice (Y/N) Custody Sealed Cooler (Y/N) Samples Intact (Y/N)
SIGNATURE of SAMPLER:		
DATE Signed (MM/DD/YY): 6/2/17		

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.





**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

**Section A**

Required Client Information:

**Section B**

Required Project Information:

**Section C**

Invoice Information:

Page: \_\_\_\_\_ of \_\_\_\_\_

Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesenr.com		Attention:	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesenr.com		Company Name:	
Email To: kbugel@gilesenr.com		Purchase Order No.:		Pace Quote Reference:	
Phone: 262-544-0118 Fax:		Project Name: The Couture		Pace Project Manager:	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Profile #:	

REGULATORY AGENCY

NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER \_\_\_\_\_

Site Location: WI

STATE: \_\_\_\_\_

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED COMPOSITE START COMPOSITE END/GRAB	SAMPLER TYPE (G=GRAB C=COMP)	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.									
					DATE	TIME	DATE	TIME	SAMPLER TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										↓ Analysis Test ↓						
											Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>			Methanol	Other		VOC	PAH	Arsenic	Lead	Selenium	Mercury
											DATE	TIME	DATE	TIME	DATE	TIME			DATE	TIME		DATE	TIME	DATE	TIME	DATE	TIME
1	B-10A 2-4	SL G		G	6/21/17	1200				2	x						x	x	x	x							
2	B-10A 6-8	SL G		G		1205			2	x							x	x									
3	B-10A 8-10	SL G		G		1210			2	x							x	x									
4	B-10B 2-4	SL G		G		1305			2	x							x	x	x	x							
5	B-10B 6-8	SL G		G		1310			2	x							x	x									
6	B-10B 8-10	SL G		G		1315			2	x							x	x									
7	B-10C 2-4	SL G		G		1420			2	x							x	x									
8	B-10C 6-8	SL G		G		1425			2	x							x	x									
9	B-10C 8-10	SL G		G		1430			2	x							x	x									
10		SL G		G					2	x							x	x									
11		SL G		G					2	x							x	x									
12		SL G		G					2	x							x	x									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	/ Giles						

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden					
SIGNATURE of SAMPLER: <i>[Signature]</i>					
DATE Signed (MM/DD/YY): 6/21/17					

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

July 17, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on June 23, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152261001	TWB-11A 0-2	Solid	06/22/17 13:00	06/23/17 13:51
40152261002	TWB-11A 2-4	Solid	06/22/17 13:05	06/23/17 13:51
40152261003	TWB-11A 4-6	Solid	06/22/17 13:10	06/23/17 13:51
40152261004	TWB-11B 0-2	Solid	06/22/17 14:00	06/23/17 13:51
40152261005	TWB-11B 2-4	Solid	06/22/17 14:05	06/23/17 13:51
40152261006	TWB-11B 4-6	Solid	06/22/17 14:10	06/23/17 13:51
40152261007	TWB-11C 2-4	Solid	06/22/17 15:10	06/23/17 13:51
40152261008	TWB-11C 4-6	Solid	06/22/17 15:15	06/23/17 13:51
40152261009	TWB-11C 6-8	Solid	06/22/17 15:20	06/23/17 13:51

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152261001	TWB-11A 0-2	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152261002	TWB-11A 2-4	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152261003	TWB-11A 4-6	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152261004	TWB-11B 0-2	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152261005	TWB-11B 2-4	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152261006	TWB-11B 4-6	EPA 8270 by SIM	RJN	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152261007	TWB-11C 2-4	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152261008	TWB-11C 4-6	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152261009	TWB-11C 6-8	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152261001</b>	<b>TWB-11A 0-2</b>					
EPA 6010	Arsenic	6.8	mg/kg	5.2	06/27/17 18:44	
EPA 6010	Lead	117	mg/kg	1.4	06/27/17 18:44	
EPA 7471	Mercury	0.24	mg/kg	0.039	06/27/17 16:31	
EPA 8270 by SIM	Acenaphthene	51.4	ug/kg	27.7	07/04/17 00:20	
EPA 8270 by SIM	Acenaphthylene	51.0	ug/kg	23.6	07/04/17 00:20	
EPA 8270 by SIM	Anthracene	167	ug/kg	40.8	07/04/17 00:20	
EPA 8270 by SIM	Benzo(a)anthracene	355	ug/kg	22.8	07/04/17 00:20	
EPA 8270 by SIM	Benzo(a)pyrene	320	ug/kg	18.0	07/04/17 00:20	
EPA 8270 by SIM	Benzo(b)fluoranthene	552	ug/kg	20.2	07/04/17 00:20	
EPA 8270 by SIM	Benzo(g,h,i)perylene	179	ug/kg	14.5	07/04/17 00:20	
EPA 8270 by SIM	Benzo(k)fluoranthene	129	ug/kg	18.0	07/04/17 00:20	
EPA 8270 by SIM	Chrysene	376	ug/kg	24.1	07/04/17 00:20	
EPA 8270 by SIM	Dibenz(a,h)anthracene	54.1	ug/kg	16.0	07/04/17 00:20	
EPA 8270 by SIM	Fluoranthene	668	ug/kg	37.4	07/04/17 00:20	
EPA 8270 by SIM	Fluorene	69.3	ug/kg	29.6	07/04/17 00:20	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	159	ug/kg	15.7	07/04/17 00:20	
EPA 8270 by SIM	1-Methylnaphthalene	238	ug/kg	28.8	07/04/17 00:20	
EPA 8270 by SIM	2-Methylnaphthalene	305	ug/kg	35.9	07/04/17 00:20	
EPA 8270 by SIM	Naphthalene	201	ug/kg	60.3	07/04/17 00:20	
EPA 8270 by SIM	Phenanthrene	569	ug/kg	83.3	07/04/17 00:20	
EPA 8270 by SIM	Pyrene	598	ug/kg	32.2	07/04/17 00:20	
EPA 8260	Naphthalene	99.8J	ug/kg	313	06/27/17 19:20	
EPA 8260	1,2,4-Trimethylbenzene	43.0J	ug/kg	75.1	06/27/17 19:20	
EPA 8260	Xylene (Total)	112J	ug/kg	225	06/27/17 19:20	
ASTM D2974-87	Percent Moisture	6.8	%	0.10	06/27/17 13:03	
<b>40152261002</b>	<b>TWB-11A 2-4</b>					
EPA 6010	Arsenic	8.4	mg/kg	5.0	06/27/17 18:46	
EPA 6010	Lead	102	mg/kg	1.3	06/27/17 18:46	
EPA 7471	Mercury	0.10	mg/kg	0.038	06/27/17 16:38	
EPA 8270 by SIM	Acenaphthene	41.4J	ug/kg	111	07/13/17 10:10	H2
EPA 8270 by SIM	Acenaphthylene	42.6J	ug/kg	94.8	07/13/17 10:10	H2
EPA 8270 by SIM	Anthracene	69.4J	ug/kg	164	07/13/17 10:10	H2
EPA 8270 by SIM	Benzo(a)anthracene	49.0J	ug/kg	91.3	07/13/17 10:10	H2
EPA 8270 by SIM	Benzo(b)fluoranthene	164	ug/kg	81.1	07/13/17 10:10	H2
EPA 8270 by SIM	Benzo(k)fluoranthene	115	ug/kg	72.0	07/13/17 10:10	H2
EPA 8270 by SIM	Chrysene	294	ug/kg	96.5	07/13/17 10:10	H2
EPA 8270 by SIM	Fluoranthene	401	ug/kg	150	07/13/17 10:10	H2
EPA 8270 by SIM	Fluorene	68.2J	ug/kg	119	07/13/17 10:10	H2
EPA 8270 by SIM	1-Methylnaphthalene	288	ug/kg	115	07/13/17 10:10	H2
EPA 8270 by SIM	2-Methylnaphthalene	339	ug/kg	144	07/13/17 10:10	H2
EPA 8270 by SIM	Naphthalene	120J	ug/kg	242	07/13/17 10:10	2q,D3,H2
EPA 8270 by SIM	Phenanthrene	115J	ug/kg	334	07/13/17 10:10	H2
EPA 8270 by SIM	Pyrene	741	ug/kg	129	07/13/17 10:10	H2
EPA 8260	Naphthalene	89.7J	ug/kg	270	06/27/17 20:48	
EPA 8260	Toluene	27.4J	ug/kg	64.8	06/27/17 20:48	
EPA 8260	1,2,4-Trimethylbenzene	84.6	ug/kg	64.8	06/27/17 20:48	
EPA 8260	1,3,5-Trimethylbenzene	34.0J	ug/kg	64.8	06/27/17 20:48	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152261002</b>	<b>TWB-11A 2-4</b>					
ASTM D2974-87	Percent Moisture	7.3	%	0.10	06/27/17 13:03	
<b>40152261003</b>	<b>TWB-11A 4-6</b>					
EPA 6010	Arsenic	4.9	mg/kg	4.6	06/27/17 18:49	
EPA 6010	Lead	7.5	mg/kg	1.2	06/27/17 18:49	
EPA 8270 by SIM	Benzo(b)fluoranthene	3.6J	ug/kg	10.0	06/30/17 15:38	
EPA 8270 by SIM	Chrysene	9.0J	ug/kg	11.9	06/30/17 15:38	
EPA 8270 by SIM	Pyrene	9.8J	ug/kg	16.0	06/30/17 15:38	
ASTM D2974-87	Percent Moisture	6.0	%	0.10	06/27/17 13:03	
<b>40152261004</b>	<b>TWB-11B 0-2</b>					
EPA 8270 by SIM	Acenaphthene	23.3J	ug/kg	54.8	07/14/17 12:25	H2
EPA 8270 by SIM	Acenaphthylene	34.9J	ug/kg	46.7	07/14/17 12:25	H2
EPA 8270 by SIM	Anthracene	96.4	ug/kg	80.7	07/14/17 12:25	H2
EPA 8270 by SIM	Benzo(a)anthracene	399	ug/kg	45.0	07/14/17 12:25	H2
EPA 8270 by SIM	Benzo(a)pyrene	414	ug/kg	35.5	07/14/17 12:25	H2
EPA 8270 by SIM	Benzo(b)fluoranthene	565	ug/kg	39.9	07/14/17 12:25	H2
EPA 8270 by SIM	Benzo(g,h,i)perylene	156	ug/kg	28.7	07/14/17 12:25	H2
EPA 8270 by SIM	Benzo(k)fluoranthene	221	ug/kg	35.5	07/14/17 12:25	H2
EPA 8270 by SIM	Chrysene	416	ug/kg	47.5	07/14/17 12:25	H2
EPA 8270 by SIM	Dibenz(a,h)anthracene	53.3	ug/kg	31.6	07/14/17 12:25	H2
EPA 8270 by SIM	Fluoranthene	743	ug/kg	73.9	07/14/17 12:25	H2
EPA 8270 by SIM	Fluorene	21.9J	ug/kg	58.6	07/14/17 12:25	H2
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	162	ug/kg	31.1	07/14/17 12:25	H2
EPA 8270 by SIM	1-Methylnaphthalene	102	ug/kg	56.9	07/14/17 12:25	H2
EPA 8270 by SIM	2-Methylnaphthalene	116	ug/kg	70.9	07/14/17 12:25	H2
EPA 8270 by SIM	Naphthalene	116J	ug/kg	119	07/14/17 12:25	1q,H2
EPA 8270 by SIM	Phenanthrene	481	ug/kg	165	07/14/17 12:25	H2
EPA 8270 by SIM	Pyrene	633	ug/kg	63.7	07/14/17 12:25	H2
EPA 8260	Naphthalene	77.8J	ug/kg	265	06/27/17 21:33	
EPA 8260	Toluene	36.8J	ug/kg	63.6	06/27/17 21:33	
EPA 8260	1,2,4-Trimethylbenzene	39.0J	ug/kg	63.6	06/27/17 21:33	
ASTM D2974-87	Percent Moisture	5.7	%	0.10	06/27/17 13:03	
<b>40152261005</b>	<b>TWB-11B 2-4</b>					
EPA 8270 by SIM	Acenaphthene	15.1	ug/kg	13.9	07/04/17 03:45	
EPA 8270 by SIM	Acenaphthylene	40.4	ug/kg	11.9	07/04/17 03:45	
EPA 8270 by SIM	Anthracene	85.0	ug/kg	20.5	07/04/17 03:45	
EPA 8270 by SIM	Benzo(a)anthracene	255	ug/kg	11.5	07/04/17 03:45	
EPA 8270 by SIM	Benzo(a)pyrene	262	ug/kg	9.0	07/04/17 03:45	
EPA 8270 by SIM	Benzo(b)fluoranthene	396	ug/kg	10.2	07/04/17 03:45	
EPA 8270 by SIM	Benzo(g,h,i)perylene	104	ug/kg	7.3	07/04/17 03:45	
EPA 8270 by SIM	Benzo(k)fluoranthene	127	ug/kg	9.0	07/04/17 03:45	
EPA 8270 by SIM	Chrysene	272	ug/kg	12.1	07/04/17 03:45	
EPA 8270 by SIM	Dibenz(a,h)anthracene	34.8	ug/kg	8.1	07/04/17 03:45	
EPA 8270 by SIM	Fluoranthene	415	ug/kg	18.8	07/04/17 03:45	
EPA 8270 by SIM	Fluorene	12.6J	ug/kg	14.9	07/04/17 03:45	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	101	ug/kg	7.9	07/04/17 03:45	
EPA 8270 by SIM	1-Methylnaphthalene	156	ug/kg	14.5	07/04/17 03:45	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152261005</b>	<b>TWB-11B 2-4</b>					
EPA 8270 by SIM	2-Methylnaphthalene	190	ug/kg	18.0	07/04/17 03:45	
EPA 8270 by SIM	Naphthalene	173	ug/kg	30.4	07/04/17 03:45	
EPA 8270 by SIM	Phenanthrene	385	ug/kg	41.9	07/04/17 03:45	
EPA 8270 by SIM	Pyrene	351	ug/kg	16.2	07/04/17 03:45	
EPA 8260	Naphthalene	102J	ug/kg	271	06/27/17 21:56	
EPA 8260	Toluene	64.8J	ug/kg	65.0	06/27/17 21:56	
EPA 8260	1,2,4-Trimethylbenzene	56.0J	ug/kg	65.0	06/27/17 21:56	
EPA 8260	Xylene (Total)	144J	ug/kg	195	06/27/17 21:56	
ASTM D2974-87	Percent Moisture	7.7	%	0.10	06/27/17 13:03	
<b>40152261006</b>	<b>TWB-11B 4-6</b>					
ASTM D2974-87	Percent Moisture	11.2	%	0.10	06/27/17 13:03	
<b>40152261007</b>	<b>TWB-11C 2-4</b>					
EPA 8270 by SIM	Acenaphthene	190J	ug/kg	280	07/04/17 04:02	
EPA 8270 by SIM	Acenaphthylene	417	ug/kg	239	07/04/17 04:02	
EPA 8270 by SIM	Anthracene	1290	ug/kg	412	07/04/17 04:02	
EPA 8270 by SIM	Benzo(a)anthracene	1760	ug/kg	230	07/04/17 04:02	
EPA 8270 by SIM	Benzo(a)pyrene	1020	ug/kg	182	07/04/17 04:02	
EPA 8270 by SIM	Benzo(b)fluoranthene	1900	ug/kg	204	07/04/17 04:02	
EPA 8270 by SIM	Benzo(g,h,i)perylene	325	ug/kg	147	07/04/17 04:02	
EPA 8270 by SIM	Benzo(k)fluoranthene	725	ug/kg	181	07/04/17 04:02	
EPA 8270 by SIM	Chrysene	1550	ug/kg	243	07/04/17 04:02	
EPA 8270 by SIM	Dibenz(a,h)anthracene	146J	ug/kg	162	07/04/17 04:02	
EPA 8270 by SIM	Fluoranthene	3990	ug/kg	377	07/04/17 04:02	
EPA 8270 by SIM	Fluorene	215J	ug/kg	299	07/04/17 04:02	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	323	ug/kg	159	07/04/17 04:02	
EPA 8270 by SIM	1-Methylnaphthalene	239J	ug/kg	291	07/04/17 04:02	
EPA 8270 by SIM	2-Methylnaphthalene	414	ug/kg	362	07/04/17 04:02	
EPA 8270 by SIM	Naphthalene	573J	ug/kg	609	07/04/17 04:02	
EPA 8270 by SIM	Phenanthrene	6650	ug/kg	841	07/04/17 04:02	
EPA 8270 by SIM	Pyrene	3170	ug/kg	325	07/04/17 04:02	
EPA 8260	Naphthalene	177J	ug/kg	271	06/27/17 22:41	
ASTM D2974-87	Percent Moisture	7.8	%	0.10	06/27/17 13:03	
<b>40152261008</b>	<b>TWB-11C 4-6</b>					
EPA 8270 by SIM	Acenaphthene	80.4	ug/kg	28.2	07/04/17 04:19	
EPA 8270 by SIM	Acenaphthylene	64.9	ug/kg	24.0	07/04/17 04:19	
EPA 8270 by SIM	Anthracene	353	ug/kg	41.5	07/04/17 04:19	
EPA 8270 by SIM	Benzo(a)anthracene	301	ug/kg	23.1	07/04/17 04:19	
EPA 8270 by SIM	Benzo(a)pyrene	321	ug/kg	18.3	07/04/17 04:19	
EPA 8270 by SIM	Benzo(b)fluoranthene	424	ug/kg	20.5	07/04/17 04:19	
EPA 8270 by SIM	Benzo(g,h,i)perylene	77.1	ug/kg	14.8	07/04/17 04:19	
EPA 8270 by SIM	Benzo(k)fluoranthene	184	ug/kg	18.2	07/04/17 04:19	
EPA 8270 by SIM	Chrysene	341	ug/kg	24.4	07/04/17 04:19	
EPA 8270 by SIM	Dibenz(a,h)anthracene	27.4	ug/kg	16.3	07/04/17 04:19	
EPA 8270 by SIM	Fluoranthene	668	ug/kg	38.0	07/04/17 04:19	
EPA 8270 by SIM	Fluorene	107	ug/kg	30.1	07/04/17 04:19	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	74.8	ug/kg	16.0	07/04/17 04:19	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152261008</b>	<b>TWB-11C 4-6</b>					
EPA 8270 by SIM	1-Methylnaphthalene	118	ug/kg	29.2	07/04/17 04:19	
EPA 8270 by SIM	2-Methylnaphthalene	218	ug/kg	36.5	07/04/17 04:19	
EPA 8270 by SIM	Naphthalene	505	ug/kg	61.3	07/04/17 04:19	
EPA 8270 by SIM	Phenanthrene	564	ug/kg	84.7	07/04/17 04:19	
EPA 8270 by SIM	Pyrene	518	ug/kg	32.7	07/04/17 04:19	
EPA 8260	Naphthalene	178J	ug/kg	273	06/27/17 19:43	
ASTM D2974-87	Percent Moisture	8.6	%	0.10	06/27/17 13:03	
<b>40152261009</b>	<b>TWB-11C 6-8</b>					
EPA 8270 by SIM	Anthracene	82.9J	ug/kg	171	07/13/17 10:27	H2
EPA 8270 by SIM	Benzo(a)anthracene	142	ug/kg	95.4	07/13/17 10:27	H2
EPA 8270 by SIM	Benzo(a)pyrene	149	ug/kg	75.3	07/13/17 10:27	H2
EPA 8270 by SIM	Benzo(b)fluoranthene	251	ug/kg	84.7	07/13/17 10:27	H2
EPA 8270 by SIM	Benzo(g,h,i)perylene	89.2	ug/kg	60.9	07/13/17 10:27	H2
EPA 8270 by SIM	Benzo(k)fluoranthene	70.7J	ug/kg	75.2	07/13/17 10:27	H2
EPA 8270 by SIM	Chrysene	245	ug/kg	101	07/13/17 10:27	H2
EPA 8270 by SIM	Fluoranthene	353	ug/kg	157	07/13/17 10:27	H2
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	57.8J	ug/kg	66.0	07/13/17 10:27	H2
EPA 8270 by SIM	1-Methylnaphthalene	201	ug/kg	121	07/13/17 10:27	H2
EPA 8270 by SIM	2-Methylnaphthalene	308	ug/kg	150	07/13/17 10:27	H2
EPA 8270 by SIM	Naphthalene	417	ug/kg	253	07/13/17 10:27	2q,D3,H2
EPA 8270 by SIM	Phenanthrene	299J	ug/kg	349	07/13/17 10:27	H2
EPA 8270 by SIM	Pyrene	935	ug/kg	135	07/13/17 10:27	H2
EPA 8260	Naphthalene	137J	ug/kg	281	06/27/17 20:06	
EPA 8260	1,2,4-Trimethylbenzene	41.9J	ug/kg	67.4	06/27/17 20:06	
ASTM D2974-87	Percent Moisture	11.0	%	0.10	06/27/17 13:03	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample: TWB-11A 0-2**      **Lab ID: 40152261001**      Collected: 06/22/17 13:00      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	6.8	mg/kg	5.2	1.1	1	06/26/17 14:35	06/27/17 18:44	7440-38-2	
Lead	117	mg/kg	1.4	0.45	1	06/26/17 14:35	06/27/17 18:44	7439-92-1	
Selenium	<1.2	mg/kg	5.2	1.2	1	06/26/17 14:35	06/27/17 18:44	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.24	mg/kg	0.039	0.012	1	06/27/17 06:59	06/27/17 16:31	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	51.4	ug/kg	27.7	8.3	2	06/28/17 09:13	07/04/17 00:20	83-32-9	
Acenaphthylene	51.0	ug/kg	23.6	7.1	2	06/28/17 09:13	07/04/17 00:20	208-96-8	
Anthracene	167	ug/kg	40.8	12.3	2	06/28/17 09:13	07/04/17 00:20	120-12-7	
Benzo(a)anthracene	355	ug/kg	22.8	6.8	2	06/28/17 09:13	07/04/17 00:20	56-55-3	
Benzo(a)pyrene	320	ug/kg	18.0	5.4	2	06/28/17 09:13	07/04/17 00:20	50-32-8	
Benzo(b)fluoranthene	552	ug/kg	20.2	6.1	2	06/28/17 09:13	07/04/17 00:20	205-99-2	
Benzo(g,h,i)perylene	179	ug/kg	14.5	4.4	2	06/28/17 09:13	07/04/17 00:20	191-24-2	
Benzo(k)fluoranthene	129	ug/kg	18.0	5.4	2	06/28/17 09:13	07/04/17 00:20	207-08-9	
Chrysene	376	ug/kg	24.1	7.2	2	06/28/17 09:13	07/04/17 00:20	218-01-9	
Dibenz(a,h)anthracene	54.1	ug/kg	16.0	4.8	2	06/28/17 09:13	07/04/17 00:20	53-70-3	
Fluoranthene	668	ug/kg	37.4	11.2	2	06/28/17 09:13	07/04/17 00:20	206-44-0	
Fluorene	69.3	ug/kg	29.6	8.9	2	06/28/17 09:13	07/04/17 00:20	86-73-7	
Indeno(1,2,3-cd)pyrene	159	ug/kg	15.7	4.7	2	06/28/17 09:13	07/04/17 00:20	193-39-5	
1-Methylnaphthalene	238	ug/kg	28.8	8.6	2	06/28/17 09:13	07/04/17 00:20	90-12-0	
2-Methylnaphthalene	305	ug/kg	35.9	10.7	2	06/28/17 09:13	07/04/17 00:20	91-57-6	
Naphthalene	201	ug/kg	60.3	18.1	2	06/28/17 09:13	07/04/17 00:20	91-20-3	
Phenanthrene	569	ug/kg	83.3	25.0	2	06/28/17 09:13	07/04/17 00:20	85-01-8	
Pyrene	598	ug/kg	32.2	9.7	2	06/28/17 09:13	07/04/17 00:20	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	57	%	19-96		2	06/28/17 09:13	07/04/17 00:20	321-60-8	
Terphenyl-d14 (S)	52	%	31-98		2	06/28/17 09:13	07/04/17 00:20	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	71-43-2	W
Bromobenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	108-86-1	W
Bromochloromethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	74-97-5	W
Bromodichloromethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	75-27-4	W
Bromoform	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	75-25-2	W
Bromomethane	<81.6	ug/kg	292	81.6	1	06/27/17 07:45	06/27/17 19:20	74-83-9	W
n-Butylbenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	104-51-8	W
sec-Butylbenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	135-98-8	W
tert-Butylbenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	98-06-6	W
Carbon tetrachloride	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	56-23-5	W
Chlorobenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	108-90-7	W
Chloroethane	<78.2	ug/kg	292	78.2	1	06/27/17 07:45	06/27/17 19:20	75-00-3	W
Chloroform	<54.2	ug/kg	292	54.2	1	06/27/17 07:45	06/27/17 19:20	67-66-3	W
Chloromethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample: TWB-11A 0-2**      **Lab ID: 40152261001**      Collected: 06/22/17 13:00      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	95-49-8	W
4-Chlorotoluene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<106	ug/kg	292	106	1	06/27/17 07:45	06/27/17 19:20	96-12-8	W
Dibromochloromethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	124-48-1	W
1,2-Dibromoethane (EDB)	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	106-93-4	W
Dibromomethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	74-95-3	W
1,2-Dichlorobenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	95-50-1	W
1,3-Dichlorobenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	541-73-1	W
1,4-Dichlorobenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	106-46-7	W
Dichlorodifluoromethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	75-71-8	W
1,1-Dichloroethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	75-34-3	W
1,2-Dichloroethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	107-06-2	W
1,1-Dichloroethene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	75-35-4	W
cis-1,2-Dichloroethene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	156-59-2	W
trans-1,2-Dichloroethene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	156-60-5	W
1,2-Dichloropropane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	78-87-5	W
1,3-Dichloropropane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	142-28-9	W
2,2-Dichloropropane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	594-20-7	W
1,1-Dichloropropene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	563-58-6	W
cis-1,3-Dichloropropene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	10061-01-5	W
trans-1,3-Dichloropropene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	10061-02-6	W
Diisopropyl ether	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	108-20-3	W
Ethylbenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	100-41-4	W
Hexachloro-1,3-butadiene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	87-68-3	W
Isopropylbenzene (Cumene)	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	98-82-8	W
p-Isopropyltoluene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	99-87-6	W
Methylene Chloride	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	75-09-2	W
Methyl-tert-butyl ether	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	1634-04-4	W
Naphthalene	99.8J	ug/kg	313	50.1	1	06/27/17 07:45	06/27/17 19:20	91-20-3	
n-Propylbenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	103-65-1	W
Styrene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	100-42-5	W
1,1,1,2-Tetrachloroethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	630-20-6	W
1,1,2,2-Tetrachloroethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	79-34-5	W
Tetrachloroethene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	127-18-4	W
Toluene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	108-88-3	W
1,2,3-Trichlorobenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	87-61-6	W
1,2,4-Trichlorobenzene	<55.5	ug/kg	292	55.5	1	06/27/17 07:45	06/27/17 19:20	120-82-1	W
1,1,1-Trichloroethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	71-55-6	W
1,1,2-Trichloroethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	79-00-5	W
Trichloroethene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	79-01-6	W
Trichlorofluoromethane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	75-69-4	W
1,2,3-Trichloropropane	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	96-18-4	W
1,2,4-Trimethylbenzene	43.0J	ug/kg	75.1	31.3	1	06/27/17 07:45	06/27/17 19:20	95-63-6	
1,3,5-Trimethylbenzene	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	108-67-8	W
Vinyl chloride	<29.2	ug/kg	70.0	29.2	1	06/27/17 07:45	06/27/17 19:20	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample: TWB-11A 0-2**      **Lab ID: 40152261001**      Collected: 06/22/17 13:00      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>112J</b>	ug/kg	225	93.9	1	06/27/17 07:45	06/27/17 19:20	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	92	%	68-130		1	06/27/17 07:45	06/27/17 19:20	1868-53-7	
Toluene-d8 (S)	85	%	68-149		1	06/27/17 07:45	06/27/17 19:20	2037-26-5	
4-Bromofluorobenzene (S)	78	%	58-141		1	06/27/17 07:45	06/27/17 19:20	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>6.8</b>	%	0.10	0.10	1		06/27/17 13:03		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

Sample: TWB-11A 2-4 Lab ID: 40152261002 Collected: 06/22/17 13:05 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	8.4	mg/kg	5.0	1.0	1	06/26/17 14:35	06/27/17 18:46	7440-38-2	
Lead	102	mg/kg	1.3	0.43	1	06/26/17 14:35	06/27/17 18:46	7439-92-1	
Selenium	<1.1	mg/kg	5.0	1.1	1	06/26/17 14:35	06/27/17 18:46	7782-49-2	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.10	mg/kg	0.038	0.011	1	06/27/17 06:59	06/27/17 16:38	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	41.4J	ug/kg	111	33.4	8	07/07/17 07:18	07/13/17 10:10	83-32-9	H2
Acenaphthylene	42.6J	ug/kg	94.8	28.4	8	07/07/17 07:18	07/13/17 10:10	208-96-8	H2
Anthracene	69.4J	ug/kg	164	49.2	8	07/07/17 07:18	07/13/17 10:10	120-12-7	H2
Benzo(a)anthracene	49.0J	ug/kg	91.3	27.3	8	07/07/17 07:18	07/13/17 10:10	56-55-3	H2
Benzo(a)pyrene	<21.6	ug/kg	72.1	21.6	8	07/07/17 07:18	07/13/17 10:10	50-32-8	H2
Benzo(b)fluoranthene	164	ug/kg	81.1	24.3	8	07/07/17 07:18	07/13/17 10:10	205-99-2	H2
Benzo(g,h,i)perylene	<17.5	ug/kg	58.3	17.5	8	07/07/17 07:18	07/13/17 10:10	191-24-2	H2
Benzo(k)fluoranthene	115	ug/kg	72.0	21.6	8	07/07/17 07:18	07/13/17 10:10	207-08-9	H2
Chrysene	294	ug/kg	96.5	29.1	8	07/07/17 07:18	07/13/17 10:10	218-01-9	H2
Dibenz(a,h)anthracene	<19.3	ug/kg	64.2	19.3	8	07/07/17 07:18	07/13/17 10:10	53-70-3	H2
Fluoranthene	401	ug/kg	150	44.9	8	07/07/17 07:18	07/13/17 10:10	206-44-0	H2
Fluorene	68.2J	ug/kg	119	35.7	8	07/07/17 07:18	07/13/17 10:10	86-73-7	H2
Indeno(1,2,3-cd)pyrene	<18.9	ug/kg	63.2	18.9	8	07/07/17 07:18	07/13/17 10:10	193-39-5	H2
1-Methylnaphthalene	288	ug/kg	115	34.7	8	07/07/17 07:18	07/13/17 10:10	90-12-0	H2
2-Methylnaphthalene	339	ug/kg	144	43.1	8	07/07/17 07:18	07/13/17 10:10	91-57-6	H2
Naphthalene	120J	ug/kg	242	72.6	8	07/07/17 07:18	07/13/17 10:10	91-20-3	2q,D3, H2
Phenanthrene	115J	ug/kg	334	100	8	07/07/17 07:18	07/13/17 10:10	85-01-8	H2
Pyrene	741	ug/kg	129	38.9	8	07/07/17 07:18	07/13/17 10:10	129-00-0	H2
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	19-96		8	07/07/17 07:18	07/13/17 10:10	321-60-8	
Terphenyl-d14 (S)	48	%	31-98		8	07/07/17 07:18	07/13/17 10:10	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 20:48	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 20:48	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 20:48	67-66-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample: TWB-11A 2-4**      **Lab ID: 40152261002**      Collected: 06/22/17 13:05      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 20:48	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	1634-04-4	W
Naphthalene	89.7J	ug/kg	270	43.2	1	06/27/17 08:00	06/27/17 20:48	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	127-18-4	W
Toluene	27.4J	ug/kg	64.8	27.0	1	06/27/17 08:00	06/27/17 20:48	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 20:48	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	96-18-4	W
1,2,4-Trimethylbenzene	84.6	ug/kg	64.8	27.0	1	06/27/17 08:00	06/27/17 20:48	95-63-6	
1,3,5-Trimethylbenzene	34.0J	ug/kg	64.8	27.0	1	06/27/17 08:00	06/27/17 20:48	108-67-8	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

**Sample: TWB-11A 2-4**      **Lab ID: 40152261002**      Collected: 06/22/17 13:05      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 20:48	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 20:48	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	123	%	68-130		1	06/27/17 08:00	06/27/17 20:48	1868-53-7	
Toluene-d8 (S)	125	%	68-149		1	06/27/17 08:00	06/27/17 20:48	2037-26-5	
4-Bromofluorobenzene (S)	116	%	58-141		1	06/27/17 08:00	06/27/17 20:48	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	7.3	%	0.10	0.10	1		06/27/17 13:03		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample:** TWB-11A 4-6      **Lab ID:** 40152261003      Collected: 06/22/17 13:10      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	4.9	mg/kg	4.6	0.96	1	06/26/17 14:35	06/27/17 18:49	7440-38-2	
Lead	7.5	mg/kg	1.2	0.39	1	06/26/17 14:35	06/27/17 18:49	7439-92-1	
Selenium	<1.0	mg/kg	4.6	1.0	1	06/26/17 14:35	06/27/17 18:49	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<0.010	mg/kg	0.035	0.010	1	06/27/17 06:59	06/27/17 16:40	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.1	ug/kg	13.7	4.1	1	06/29/17 07:17	06/30/17 15:38	83-32-9	
Acenaphthylene	<3.5	ug/kg	11.7	3.5	1	06/29/17 07:17	06/30/17 15:38	208-96-8	
Anthracene	<6.1	ug/kg	20.2	6.1	1	06/29/17 07:17	06/30/17 15:38	120-12-7	
Benzo(a)anthracene	<3.4	ug/kg	11.3	3.4	1	06/29/17 07:17	06/30/17 15:38	56-55-3	
Benzo(a)pyrene	<2.7	ug/kg	8.9	2.7	1	06/29/17 07:17	06/30/17 15:38	50-32-8	
Benzo(b)fluoranthene	3.6J	ug/kg	10.0	3.0	1	06/29/17 07:17	06/30/17 15:38	205-99-2	
Benzo(g,h,i)perylene	<2.2	ug/kg	7.2	2.2	1	06/29/17 07:17	06/30/17 15:38	191-24-2	
Benzo(k)fluoranthene	<2.7	ug/kg	8.9	2.7	1	06/29/17 07:17	06/30/17 15:38	207-08-9	
Chrysene	9.0J	ug/kg	11.9	3.6	1	06/29/17 07:17	06/30/17 15:38	218-01-9	
Dibenz(a,h)anthracene	<2.4	ug/kg	7.9	2.4	1	06/29/17 07:17	06/30/17 15:38	53-70-3	
Fluoranthene	<5.5	ug/kg	18.5	5.5	1	06/29/17 07:17	06/30/17 15:38	206-44-0	
Fluorene	<4.4	ug/kg	14.7	4.4	1	06/29/17 07:17	06/30/17 15:38	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.3	ug/kg	7.8	2.3	1	06/29/17 07:17	06/30/17 15:38	193-39-5	
1-Methylnaphthalene	<4.3	ug/kg	14.3	4.3	1	06/29/17 07:17	06/30/17 15:38	90-12-0	
2-Methylnaphthalene	<5.3	ug/kg	17.8	5.3	1	06/29/17 07:17	06/30/17 15:38	91-57-6	
Naphthalene	<9.0	ug/kg	29.9	9.0	1	06/29/17 07:17	06/30/17 15:38	91-20-3	
Phenanthrene	<12.4	ug/kg	41.3	12.4	1	06/29/17 07:17	06/30/17 15:38	85-01-8	
Pyrene	9.8J	ug/kg	16.0	4.8	1	06/29/17 07:17	06/30/17 15:38	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	19-96		1	06/29/17 07:17	06/30/17 15:38	321-60-8	
Terphenyl-d14 (S)	47	%	31-98		1	06/29/17 07:17	06/30/17 15:38	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 21:10	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 21:10	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 21:10	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

Sample: **TWB-11A 4-6** Lab ID: **40152261003** Collected: 06/22/17 13:10 Received: 06/23/17 13:51 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 21:10	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 08:00	06/27/17 21:10	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 21:10	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:10	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample: TWB-11A 4-6**      **Lab ID: 40152261003**      Collected: 06/22/17 13:10      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 21:10	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	90	%	68-130		1	06/27/17 08:00	06/27/17 21:10	1868-53-7	
Toluene-d8 (S)	94	%	68-149		1	06/27/17 08:00	06/27/17 21:10	2037-26-5	
4-Bromofluorobenzene (S)	85	%	58-141		1	06/27/17 08:00	06/27/17 21:10	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>6.0</b>	%	0.10	0.10	1		06/27/17 13:03		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

**Sample: TWB-11B 0-2**      **Lab ID: 40152261004**      Collected: 06/22/17 14:00      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>23.3J</b>	ug/kg	54.8	16.5	4	07/07/17 07:18	07/14/17 12:25	83-32-9	H2
Acenaphthylene	<b>34.9J</b>	ug/kg	46.7	14.0	4	07/07/17 07:18	07/14/17 12:25	208-96-8	H2
Anthracene	<b>96.4</b>	ug/kg	80.7	24.2	4	07/07/17 07:18	07/14/17 12:25	120-12-7	H2
Benzo(a)anthracene	<b>399</b>	ug/kg	45.0	13.5	4	07/07/17 07:18	07/14/17 12:25	56-55-3	H2
Benzo(a)pyrene	<b>414</b>	ug/kg	35.5	10.7	4	07/07/17 07:18	07/14/17 12:25	50-32-8	H2
Benzo(b)fluoranthene	<b>565</b>	ug/kg	39.9	12.0	4	07/07/17 07:18	07/14/17 12:25	205-99-2	H2
Benzo(g,h,i)perylene	<b>156</b>	ug/kg	28.7	8.6	4	07/07/17 07:18	07/14/17 12:25	191-24-2	H2
Benzo(k)fluoranthene	<b>221</b>	ug/kg	35.5	10.7	4	07/07/17 07:18	07/14/17 12:25	207-08-9	H2
Chrysene	<b>416</b>	ug/kg	47.5	14.3	4	07/07/17 07:18	07/14/17 12:25	218-01-9	H2
Dibenz(a,h)anthracene	<b>53.3</b>	ug/kg	31.6	9.5	4	07/07/17 07:18	07/14/17 12:25	53-70-3	H2
Fluoranthene	<b>743</b>	ug/kg	73.9	22.1	4	07/07/17 07:18	07/14/17 12:25	206-44-0	H2
Fluorene	<b>21.9J</b>	ug/kg	58.6	17.6	4	07/07/17 07:18	07/14/17 12:25	86-73-7	H2
Indeno(1,2,3-cd)pyrene	<b>162</b>	ug/kg	31.1	9.3	4	07/07/17 07:18	07/14/17 12:25	193-39-5	H2
1-Methylnaphthalene	<b>102</b>	ug/kg	56.9	17.1	4	07/07/17 07:18	07/14/17 12:25	90-12-0	H2
2-Methylnaphthalene	<b>116</b>	ug/kg	70.9	21.2	4	07/07/17 07:18	07/14/17 12:25	91-57-6	H2
Naphthalene	<b>116J</b>	ug/kg	119	35.8	4	07/07/17 07:18	07/14/17 12:25	91-20-3	1q,H2
Phenanthrene	<b>481</b>	ug/kg	165	49.5	4	07/07/17 07:18	07/14/17 12:25	85-01-8	H2
Pyrene	<b>633</b>	ug/kg	63.7	19.2	4	07/07/17 07:18	07/14/17 12:25	129-00-0	H2
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	48	%	19-96		4	07/07/17 07:18	07/14/17 12:25	321-60-8	
Terphenyl-d14 (S)	47	%	31-98		4	07/07/17 07:18	07/14/17 12:25	1718-51-0	

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 21:33	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 21:33	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 21:33	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 21:33	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	106-93-4	W
Dibromomethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

**Sample: TWB-11B 0-2**      **Lab ID: 40152261004**      Collected: 06/22/17 14:00      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	1634-04-4	W
Naphthalene	77.8J	ug/kg	265	42.4	1	06/27/17 08:00	06/27/17 21:33	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	127-18-4	W
Toluene	36.8J	ug/kg	63.6	26.5	1	06/27/17 08:00	06/27/17 21:33	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 21:33	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	96-18-4	W
1,2,4-Trimethylbenzene	39.0J	ug/kg	63.6	26.5	1	06/27/17 08:00	06/27/17 21:33	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:33	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 21:33	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	96	%	68-130		1	06/27/17 08:00	06/27/17 21:33	1868-53-7	
Toluene-d8 (S)	99	%	68-149		1	06/27/17 08:00	06/27/17 21:33	2037-26-5	
4-Bromofluorobenzene (S)	88	%	58-141		1	06/27/17 08:00	06/27/17 21:33	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	5.7	%	0.10	0.10	1	06/27/17 13:03
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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

Sample: TWB-11B 2-4 Lab ID: 40152261005 Collected: 06/22/17 14:05 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	15.1	ug/kg	13.9	4.2	1	06/29/17 07:17	07/04/17 03:45	83-32-9	
Acenaphthylene	40.4	ug/kg	11.9	3.6	1	06/29/17 07:17	07/04/17 03:45	208-96-8	
Anthracene	85.0	ug/kg	20.5	6.2	1	06/29/17 07:17	07/04/17 03:45	120-12-7	
Benzo(a)anthracene	255	ug/kg	11.5	3.4	1	06/29/17 07:17	07/04/17 03:45	56-55-3	
Benzo(a)pyrene	262	ug/kg	9.0	2.7	1	06/29/17 07:17	07/04/17 03:45	50-32-8	
Benzo(b)fluoranthene	396	ug/kg	10.2	3.1	1	06/29/17 07:17	07/04/17 03:45	205-99-2	
Benzo(g,h,i)perylene	104	ug/kg	7.3	2.2	1	06/29/17 07:17	07/04/17 03:45	191-24-2	
Benzo(k)fluoranthene	127	ug/kg	9.0	2.7	1	06/29/17 07:17	07/04/17 03:45	207-08-9	
Chrysene	272	ug/kg	12.1	3.6	1	06/29/17 07:17	07/04/17 03:45	218-01-9	
Dibenz(a,h)anthracene	34.8	ug/kg	8.1	2.4	1	06/29/17 07:17	07/04/17 03:45	53-70-3	
Fluoranthene	415	ug/kg	18.8	5.6	1	06/29/17 07:17	07/04/17 03:45	206-44-0	
Fluorene	12.6J	ug/kg	14.9	4.5	1	06/29/17 07:17	07/04/17 03:45	86-73-7	
Indeno(1,2,3-cd)pyrene	101	ug/kg	7.9	2.4	1	06/29/17 07:17	07/04/17 03:45	193-39-5	
1-Methylnaphthalene	156	ug/kg	14.5	4.3	1	06/29/17 07:17	07/04/17 03:45	90-12-0	
2-Methylnaphthalene	190	ug/kg	18.0	5.4	1	06/29/17 07:17	07/04/17 03:45	91-57-6	
Naphthalene	173	ug/kg	30.4	9.1	1	06/29/17 07:17	07/04/17 03:45	91-20-3	
Phenanthrene	385	ug/kg	41.9	12.6	1	06/29/17 07:17	07/04/17 03:45	85-01-8	
Pyrene	351	ug/kg	16.2	4.9	1	06/29/17 07:17	07/04/17 03:45	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	19-96		1	06/29/17 07:17	07/04/17 03:45	321-60-8	
Terphenyl-d14 (S)	46	%	31-98		1	06/29/17 07:17	07/04/17 03:45	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 21:56	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 21:56	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 21:56	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 21:56	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	541-73-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

**Sample: TWB-11B 2-4**      **Lab ID: 40152261005**      Collected: 06/22/17 14:05      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	1634-04-4	W
Naphthalene	102J	ug/kg	271	43.4	1	06/27/17 08:00	06/27/17 21:56	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	127-18-4	W
Toluene	64.8J	ug/kg	65.0	27.1	1	06/27/17 08:00	06/27/17 21:56	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 21:56	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	96-18-4	W
1,2,4-Trimethylbenzene	56.0J	ug/kg	65.0	27.1	1	06/27/17 08:00	06/27/17 21:56	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 21:56	75-01-4	W
Xylene (Total)	144J	ug/kg	195	81.2	1	06/27/17 08:00	06/27/17 21:56	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	06/27/17 08:00	06/27/17 21:56	1868-53-7	
Toluene-d8 (S)	113	%	68-149		1	06/27/17 08:00	06/27/17 21:56	2037-26-5	
4-Bromofluorobenzene (S)	102	%	58-141		1	06/27/17 08:00	06/27/17 21:56	460-00-4	

<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	7.7	%	0.10	0.10	1		06/27/17 13:03		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

**Sample: TWB-11B 4-6**      **Lab ID: 40152261006**      Collected: 06/22/17 14:10      Received: 06/23/17 13:51      Matrix: Solid

**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.4	ug/kg	14.5	4.4	1	06/29/17 07:17	06/30/17 16:13	83-32-9	
Acenaphthylene	<3.7	ug/kg	12.4	3.7	1	06/29/17 07:17	06/30/17 16:13	208-96-8	
Anthracene	<6.4	ug/kg	21.4	6.4	1	06/29/17 07:17	06/30/17 16:13	120-12-7	
Benzo(a)anthracene	<3.6	ug/kg	11.9	3.6	1	06/29/17 07:17	06/30/17 16:13	56-55-3	
Benzo(a)pyrene	<2.8	ug/kg	9.4	2.8	1	06/29/17 07:17	06/30/17 16:13	50-32-8	
Benzo(b)fluoranthene	<3.2	ug/kg	10.6	3.2	1	06/29/17 07:17	06/30/17 16:13	205-99-2	
Benzo(g,h,i)perylene	<2.3	ug/kg	7.6	2.3	1	06/29/17 07:17	06/30/17 16:13	191-24-2	
Benzo(k)fluoranthene	<2.8	ug/kg	9.4	2.8	1	06/29/17 07:17	06/30/17 16:13	207-08-9	
Chrysene	<3.8	ug/kg	12.6	3.8	1	06/29/17 07:17	06/30/17 16:13	218-01-9	
Dibenz(a,h)anthracene	<2.5	ug/kg	8.4	2.5	1	06/29/17 07:17	06/30/17 16:13	53-70-3	
Fluoranthene	<5.9	ug/kg	19.6	5.9	1	06/29/17 07:17	06/30/17 16:13	206-44-0	
Fluorene	<4.7	ug/kg	15.5	4.7	1	06/29/17 07:17	06/30/17 16:13	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.5	ug/kg	8.3	2.5	1	06/29/17 07:17	06/30/17 16:13	193-39-5	
1-Methylnaphthalene	<4.5	ug/kg	15.1	4.5	1	06/29/17 07:17	06/30/17 16:13	90-12-0	
2-Methylnaphthalene	<5.6	ug/kg	18.8	5.6	1	06/29/17 07:17	06/30/17 16:13	91-57-6	
Naphthalene	<9.5	ug/kg	31.7	9.5	1	06/29/17 07:17	06/30/17 16:13	91-20-3	
Phenanthrene	<13.1	ug/kg	43.7	13.1	1	06/29/17 07:17	06/30/17 16:13	85-01-8	
Pyrene	<5.1	ug/kg	16.9	5.1	1	06/29/17 07:17	06/30/17 16:13	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	55	%	19-96		1	06/29/17 07:17	06/30/17 16:13	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		1	06/29/17 07:17	06/30/17 16:13	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 22:18	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 22:18	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 22:18	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 22:18	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	541-73-1	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample: TWB-11B 4-6**      **Lab ID: 40152261006**      Collected: 06/22/17 14:10      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/27/17 08:00	06/27/17 22:18	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 22:18	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:18	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 22:18	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	68-130		1	06/27/17 08:00	06/27/17 22:18	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	06/27/17 08:00	06/27/17 22:18	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	06/27/17 08:00	06/27/17 22:18	460-00-4	

**Percent Moisture**      Analytical Method: ASTM D2974-87

Percent Moisture      **11.2**      %      0.10      0.10      1      06/27/17 13:03

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

**Sample: TWB-11C 2-4**      **Lab ID: 40152261007**      Collected: 06/22/17 15:10      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>		Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546							
Acenaphthene	<b>190J</b>	ug/kg	280	84.2	20	06/29/17 07:17	07/04/17 04:02	83-32-9	
Acenaphthylene	<b>417</b>	ug/kg	239	71.5	20	06/29/17 07:17	07/04/17 04:02	208-96-8	
Anthracene	<b>1290</b>	ug/kg	412	124	20	06/29/17 07:17	07/04/17 04:02	120-12-7	
Benzo(a)anthracene	<b>1760</b>	ug/kg	230	68.8	20	06/29/17 07:17	07/04/17 04:02	56-55-3	
Benzo(a)pyrene	<b>1020</b>	ug/kg	182	54.5	20	06/29/17 07:17	07/04/17 04:02	50-32-8	
Benzo(b)fluoranthene	<b>1900</b>	ug/kg	204	61.2	20	06/29/17 07:17	07/04/17 04:02	205-99-2	
Benzo(g,h,i)perylene	<b>325</b>	ug/kg	147	44.1	20	06/29/17 07:17	07/04/17 04:02	191-24-2	
Benzo(k)fluoranthene	<b>725</b>	ug/kg	181	54.4	20	06/29/17 07:17	07/04/17 04:02	207-08-9	
Chrysene	<b>1550</b>	ug/kg	243	73.1	20	06/29/17 07:17	07/04/17 04:02	218-01-9	
Dibenz(a,h)anthracene	<b>146J</b>	ug/kg	162	48.5	20	06/29/17 07:17	07/04/17 04:02	53-70-3	
Fluoranthene	<b>3990</b>	ug/kg	377	113	20	06/29/17 07:17	07/04/17 04:02	206-44-0	
Fluorene	<b>215J</b>	ug/kg	299	89.8	20	06/29/17 07:17	07/04/17 04:02	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>323</b>	ug/kg	159	47.7	20	06/29/17 07:17	07/04/17 04:02	193-39-5	
1-Methylnaphthalene	<b>239J</b>	ug/kg	291	87.2	20	06/29/17 07:17	07/04/17 04:02	90-12-0	
2-Methylnaphthalene	<b>414</b>	ug/kg	362	108	20	06/29/17 07:17	07/04/17 04:02	91-57-6	
Naphthalene	<b>573J</b>	ug/kg	609	183	20	06/29/17 07:17	07/04/17 04:02	91-20-3	
Phenanthrene	<b>6650</b>	ug/kg	841	253	20	06/29/17 07:17	07/04/17 04:02	85-01-8	
Pyrene	<b>3170</b>	ug/kg	325	97.8	20	06/29/17 07:17	07/04/17 04:02	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	39	%	19-96		20	06/29/17 07:17	07/04/17 04:02	321-60-8	
Terphenyl-d14 (S)	34	%	31-98		20	06/29/17 07:17	07/04/17 04:02	1718-51-0	
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B							
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	75-25-2	W
Bromomethane	< <b>69.9</b>	ug/kg	250	69.9	1	06/27/17 08:00	06/27/17 22:41	74-83-9	W
n-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	104-51-8	W
sec-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	135-98-8	W
tert-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	98-06-6	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	108-90-7	W
Chloroethane	< <b>67.0</b>	ug/kg	250	67.0	1	06/27/17 08:00	06/27/17 22:41	75-00-3	W
Chloroform	< <b>46.4</b>	ug/kg	250	46.4	1	06/27/17 08:00	06/27/17 22:41	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	74-87-3	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	106-43-4	W
1,2-Dibromo-3-chloropropane	< <b>91.2</b>	ug/kg	250	91.2	1	06/27/17 08:00	06/27/17 22:41	96-12-8	W
Dibromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	124-48-1	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	106-93-4	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	74-95-3	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	95-50-1	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	541-73-1	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

**Sample: TWB-11C 2-4**      **Lab ID: 40152261007**      Collected: 06/22/17 15:10      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	1634-04-4	W
Naphthalene	177J	ug/kg	271	43.5	1	06/27/17 08:00	06/27/17 22:41	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 08:00	06/27/17 22:41	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 08:00	06/27/17 22:41	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 08:00	06/27/17 22:41	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	68-130		1	06/27/17 08:00	06/27/17 22:41	1868-53-7	
Toluene-d8 (S)	116	%	68-149		1	06/27/17 08:00	06/27/17 22:41	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	06/27/17 08:00	06/27/17 22:41	460-00-4	

**Percent Moisture**      Analytical Method: ASTM D2974-87

Percent Moisture      **7.8**      %      0.10      0.10      1      06/27/17 13:03

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample: TWB-11C 4-6**      **Lab ID: 40152261008**      Collected: 06/22/17 15:15      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>80.4</b>	ug/kg	28.2	8.5	2	06/29/17 07:17	07/04/17 04:19	83-32-9	
Acenaphthylene	<b>64.9</b>	ug/kg	24.0	7.2	2	06/29/17 07:17	07/04/17 04:19	208-96-8	
Anthracene	<b>353</b>	ug/kg	41.5	12.5	2	06/29/17 07:17	07/04/17 04:19	120-12-7	
Benzo(a)anthracene	<b>301</b>	ug/kg	23.1	6.9	2	06/29/17 07:17	07/04/17 04:19	56-55-3	
Benzo(a)pyrene	<b>321</b>	ug/kg	18.3	5.5	2	06/29/17 07:17	07/04/17 04:19	50-32-8	
Benzo(b)fluoranthene	<b>424</b>	ug/kg	20.5	6.2	2	06/29/17 07:17	07/04/17 04:19	205-99-2	
Benzo(g,h,i)perylene	<b>77.1</b>	ug/kg	14.8	4.4	2	06/29/17 07:17	07/04/17 04:19	191-24-2	
Benzo(k)fluoranthene	<b>184</b>	ug/kg	18.2	5.5	2	06/29/17 07:17	07/04/17 04:19	207-08-9	
Chrysene	<b>341</b>	ug/kg	24.4	7.4	2	06/29/17 07:17	07/04/17 04:19	218-01-9	
Dibenz(a,h)anthracene	<b>27.4</b>	ug/kg	16.3	4.9	2	06/29/17 07:17	07/04/17 04:19	53-70-3	
Fluoranthene	<b>668</b>	ug/kg	38.0	11.4	2	06/29/17 07:17	07/04/17 04:19	206-44-0	
Fluorene	<b>107</b>	ug/kg	30.1	9.0	2	06/29/17 07:17	07/04/17 04:19	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>74.8</b>	ug/kg	16.0	4.8	2	06/29/17 07:17	07/04/17 04:19	193-39-5	
1-Methylnaphthalene	<b>118</b>	ug/kg	29.2	8.8	2	06/29/17 07:17	07/04/17 04:19	90-12-0	
2-Methylnaphthalene	<b>218</b>	ug/kg	36.5	10.9	2	06/29/17 07:17	07/04/17 04:19	91-57-6	
Naphthalene	<b>505</b>	ug/kg	61.3	18.4	2	06/29/17 07:17	07/04/17 04:19	91-20-3	
Phenanthrene	<b>564</b>	ug/kg	84.7	25.4	2	06/29/17 07:17	07/04/17 04:19	85-01-8	
Pyrene	<b>518</b>	ug/kg	32.7	9.8	2	06/29/17 07:17	07/04/17 04:19	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	43	%	19-96		2	06/29/17 07:17	07/04/17 04:19	321-60-8	
Terphenyl-d14 (S)	39	%	31-98		2	06/29/17 07:17	07/04/17 04:19	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	75-25-2	W
Bromomethane	< <b>69.9</b>	ug/kg	250	69.9	1	06/27/17 07:45	06/27/17 19:43	74-83-9	W
n-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	104-51-8	W
sec-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	135-98-8	W
tert-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	98-06-6	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	108-90-7	W
Chloroethane	< <b>67.0</b>	ug/kg	250	67.0	1	06/27/17 07:45	06/27/17 19:43	75-00-3	W
Chloroform	< <b>46.4</b>	ug/kg	250	46.4	1	06/27/17 07:45	06/27/17 19:43	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	74-87-3	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	106-43-4	W
1,2-Dibromo-3-chloropropane	< <b>91.2</b>	ug/kg	250	91.2	1	06/27/17 07:45	06/27/17 19:43	96-12-8	W
Dibromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	124-48-1	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	106-93-4	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	74-95-3	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	95-50-1	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

Sample: **TWB-11C 4-6** Lab ID: **40152261008** Collected: 06/22/17 15:15 Received: 06/23/17 13:51 Matrix: Solid

**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	1634-04-4	W
Naphthalene	178J	ug/kg	273	43.8	1	06/27/17 07:45	06/27/17 19:43	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 07:45	06/27/17 19:43	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 19:43	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 07:45	06/27/17 19:43	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	114	%	68-130		1	06/27/17 07:45	06/27/17 19:43	1868-53-7	
Toluene-d8 (S)	109	%	68-149		1	06/27/17 07:45	06/27/17 19:43	2037-26-5	
4-Bromofluorobenzene (S)	103	%	58-141		1	06/27/17 07:45	06/27/17 19:43	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	8.6	%	0.10	0.10	1	06/27/17 13:03
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

**Sample: TWB-11C 6-8**      **Lab ID: 40152261009**      Collected: 06/22/17 15:20      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
			Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546						
Acenaphthene	<34.9	ug/kg	116	34.9	8	07/07/17 07:18	07/13/17 10:27	83-32-9	H2
Acenaphthylene	<29.7	ug/kg	99.0	29.7	8	07/07/17 07:18	07/13/17 10:27	208-96-8	H2
Anthracene	82.9J	ug/kg	171	51.4	8	07/07/17 07:18	07/13/17 10:27	120-12-7	H2
Benzo(a)anthracene	142	ug/kg	95.4	28.5	8	07/07/17 07:18	07/13/17 10:27	56-55-3	H2
Benzo(a)pyrene	149	ug/kg	75.3	22.6	8	07/07/17 07:18	07/13/17 10:27	50-32-8	H2
Benzo(b)fluoranthene	251	ug/kg	84.7	25.4	8	07/07/17 07:18	07/13/17 10:27	205-99-2	H2
Benzo(g,h,i)perylene	89.2	ug/kg	60.9	18.3	8	07/07/17 07:18	07/13/17 10:27	191-24-2	H2
Benzo(k)fluoranthene	70.7J	ug/kg	75.2	22.6	8	07/07/17 07:18	07/13/17 10:27	207-08-9	H2
Chrysene	245	ug/kg	101	30.3	8	07/07/17 07:18	07/13/17 10:27	218-01-9	H2
Dibenz(a,h)anthracene	<20.1	ug/kg	67.0	20.1	8	07/07/17 07:18	07/13/17 10:27	53-70-3	H2
Fluoranthene	353	ug/kg	157	46.9	8	07/07/17 07:18	07/13/17 10:27	206-44-0	H2
Fluorene	<37.2	ug/kg	124	37.2	8	07/07/17 07:18	07/13/17 10:27	86-73-7	H2
Indeno(1,2,3-cd)pyrene	57.8J	ug/kg	66.0	19.8	8	07/07/17 07:18	07/13/17 10:27	193-39-5	H2
1-Methylnaphthalene	201	ug/kg	121	36.2	8	07/07/17 07:18	07/13/17 10:27	90-12-0	H2
2-Methylnaphthalene	308	ug/kg	150	45.0	8	07/07/17 07:18	07/13/17 10:27	91-57-6	H2
Naphthalene	417	ug/kg	253	75.8	8	07/07/17 07:18	07/13/17 10:27	91-20-3	2q,D3, H2
Phenanthrene	299J	ug/kg	349	105	8	07/07/17 07:18	07/13/17 10:27	85-01-8	H2
Pyrene	935	ug/kg	135	40.6	8	07/07/17 07:18	07/13/17 10:27	129-00-0	H2
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	50	%	19-96		8	07/07/17 07:18	07/13/17 10:27	321-60-8	
Terphenyl-d14 (S)	58	%	31-98		8	07/07/17 07:18	07/13/17 10:27	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
			Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B						
Benzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/27/17 07:45	06/27/17 20:06	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/27/17 07:45	06/27/17 20:06	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/27/17 07:45	06/27/17 20:06	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/27/17 07:45	06/27/17 20:06	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	95-50-1	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

Sample: TWB-11C 6-8 Lab ID: 40152261009 Collected: 06/22/17 15:20 Received: 06/23/17 13:51 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	1634-04-4	W
Naphthalene	137J	ug/kg	281	45.0	1	06/27/17 07:45	06/27/17 20:06	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/27/17 07:45	06/27/17 20:06	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	96-18-4	W
1,2,4-Trimethylbenzene	41.9J	ug/kg	67.4	28.1	1	06/27/17 07:45	06/27/17 20:06	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/27/17 07:45	06/27/17 20:06	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/27/17 07:45	06/27/17 20:06	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	68-130		1	06/27/17 07:45	06/27/17 20:06	1868-53-7	
Toluene-d8 (S)	103	%	68-149		1	06/27/17 07:45	06/27/17 20:06	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	06/27/17 07:45	06/27/17 20:06	460-00-4	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

**Sample: TWB-11C 6-8**      **Lab ID: 40152261009**      Collected: 06/22/17 15:20      Received: 06/23/17 13:51      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>11.0</b>	%	0.10	0.10	1		06/27/17 13:03		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

QC Batch: 259775 Analysis Method: EPA 7471  
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
 Associated Lab Samples: 40152261001, 40152261002, 40152261003

METHOD BLANK: 1530310 Matrix: Solid  
 Associated Lab Samples: 40152261001, 40152261002, 40152261003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	06/27/17 15:47	

LABORATORY CONTROL SAMPLE: 1530311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.78	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530312 1530313

Parameter	Units	1530312		1530313		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152219001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mercury	mg/kg	0.64	.9	.9	1.3	1.2	69	67	85-115	2	20 M0

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

QC Batch: 259752 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152261001, 40152261002, 40152261003

METHOD BLANK: 1530228 Matrix: Solid  
Associated Lab Samples: 40152261001, 40152261002, 40152261003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	06/27/17 17:56	
Lead	mg/kg	<0.43	1.3	06/27/17 17:56	
Selenium	mg/kg	<1.1	5.0	06/27/17 17:56	

LABORATORY CONTROL SAMPLE: 1530229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.5	99	80-120	
Lead	mg/kg	50	47.6	95	80-120	
Selenium	mg/kg	50	54.1	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530230 1530231

Parameter	Units	40152219003		MSD		MSD		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Arsenic	mg/kg	3.1J	58.7	58.5	56.5	55.6	91	90	75-125	2	20		
Lead	mg/kg	3.0	58.7	58.5	54.8	55.1	88	89	75-125	1	20		
Selenium	mg/kg	<1.3	58.7	58.5	58.5	57.4	100	98	75-125	2	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

QC Batch: 259901 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152261001, 40152261008, 40152261009

METHOD BLANK: 1530870 Matrix: Solid  
Associated Lab Samples: 40152261001, 40152261008, 40152261009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/27/17 09:10	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/27/17 09:10	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/27/17 09:10	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/27/17 09:10	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/27/17 09:10	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/27/17 09:10	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/27/17 09:10	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/27/17 09:10	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/27/17 09:10	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/27/17 09:10	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/27/17 09:10	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/27/17 09:10	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/27/17 09:10	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/27/17 09:10	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/27/17 09:10	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/27/17 09:10	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/27/17 09:10	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/27/17 09:10	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/27/17 09:10	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/27/17 09:10	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/27/17 09:10	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/27/17 09:10	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/27/17 09:10	
Benzene	ug/kg	<9.2	20.0	06/27/17 09:10	
Bromobenzene	ug/kg	<20.6	50.0	06/27/17 09:10	
Bromochloromethane	ug/kg	<21.4	50.0	06/27/17 09:10	
Bromodichloromethane	ug/kg	<9.8	50.0	06/27/17 09:10	
Bromoform	ug/kg	<19.8	50.0	06/27/17 09:10	
Bromomethane	ug/kg	<69.9	250	06/27/17 09:10	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/27/17 09:10	
Chlorobenzene	ug/kg	<14.8	50.0	06/27/17 09:10	
Chloroethane	ug/kg	<67.0	250	06/27/17 09:10	
Chloroform	ug/kg	<46.4	250	06/27/17 09:10	
Chloromethane	ug/kg	<20.4	50.0	06/27/17 09:10	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/27/17 09:10	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/27/17 09:10	
Dibromochloromethane	ug/kg	<17.9	50.0	06/27/17 09:10	
Dibromomethane	ug/kg	<19.3	50.0	06/27/17 09:10	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/27/17 09:10	
Diisopropyl ether	ug/kg	<17.7	50.0	06/27/17 09:10	
Ethylbenzene	ug/kg	<12.4	50.0	06/27/17 09:10	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

METHOD BLANK: 1530870

Matrix: Solid

Associated Lab Samples: 40152261001, 40152261008, 40152261009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	06/27/17 09:10	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/27/17 09:10	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/27/17 09:10	
Methylene Chloride	ug/kg	<16.2	50.0	06/27/17 09:10	
n-Butylbenzene	ug/kg	<10.5	50.0	06/27/17 09:10	
n-Propylbenzene	ug/kg	<11.6	50.0	06/27/17 09:10	
Naphthalene	ug/kg	<40.0	250	06/27/17 09:10	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/27/17 09:10	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/27/17 09:10	
Styrene	ug/kg	<9.0	50.0	06/27/17 09:10	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/27/17 09:10	
Tetrachloroethene	ug/kg	<12.9	50.0	06/27/17 09:10	
Toluene	ug/kg	<11.2	50.0	06/27/17 09:10	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/27/17 09:10	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/27/17 09:10	
Trichloroethene	ug/kg	<23.6	50.0	06/27/17 09:10	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/27/17 09:10	
Vinyl chloride	ug/kg	<21.1	50.0	06/27/17 09:10	
Xylene (Total)	ug/kg	<48.4	150	06/27/17 09:10	
4-Bromofluorobenzene (S)	%	90	58-141	06/27/17 09:10	
Dibromofluoromethane (S)	%	94	68-130	06/27/17 09:10	
Toluene-d8 (S)	%	98	68-149	06/27/17 09:10	

LABORATORY CONTROL SAMPLE: 1530871

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2460	99	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2230	89	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2420	97	70-130	
1,1-Dichloroethane	ug/kg	2500	2420	97	63-124	
1,1-Dichloroethene	ug/kg	2500	2120	85	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2190	87	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1640	66	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2330	93	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2300	92	70-130	
1,2-Dichloroethane	ug/kg	2500	2520	101	56-135	
1,2-Dichloropropane	ug/kg	2500	2280	91	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2280	91	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2380	95	70-130	
Benzene	ug/kg	2500	2480	99	66-130	
Bromodichloromethane	ug/kg	2500	2160	86	62-135	
Bromoform	ug/kg	2500	1960	78	68-130	
Bromomethane	ug/kg	2500	1890	76	29-137	
Carbon tetrachloride	ug/kg	2500	2320	93	57-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

LABORATORY CONTROL SAMPLE: 1530871

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2540	102	70-130	
Chloroethane	ug/kg	2500	2410	96	36-144	
Chloroform	ug/kg	2500	2450	98	69-115	
Chloromethane	ug/kg	2500	2010	80	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2430	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2020	81	70-130	
Dibromochloromethane	ug/kg	2500	2080	83	70-130	
Dichlorodifluoromethane	ug/kg	2500	1350	54	10-99	
Ethylbenzene	ug/kg	2500	2390	96	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2580	103	63-134	
Methylene Chloride	ug/kg	2500	2240	89	56-123	
Styrene	ug/kg	2500	2500	100	70-130	
Tetrachloroethene	ug/kg	2500	2500	100	70-131	
Toluene	ug/kg	2500	2430	97	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2620	105	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2250	90	68-130	
Trichloroethene	ug/kg	2500	2390	96	70-130	
Trichlorofluoromethane	ug/kg	2500	2390	96	37-149	
Vinyl chloride	ug/kg	2500	2050	82	43-128	
Xylene (Total)	ug/kg	7500	7280	97	70-130	
4-Bromofluorobenzene (S)	%			88	58-141	
Dibromofluoromethane (S)	%			98	68-130	
Toluene-d8 (S)	%			94	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530872 1530873

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152307002 Result	Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1630	1630	1450	1370	89	84	57-123	6	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1630	1630	1450	1470	89	90	73-135	1	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1630	1630	1580	1510	97	93	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1630	1630	1620	1530	100	94	63-124	6	20		
1,1-Dichloroethene	ug/kg	<25.0	1630	1630	1250	1270	77	78	48-117	2	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1630	1630	1510	1420	93	87	78-145	6	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1630	1630	1230	1150	76	71	38-168	7	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1630	1630	1460	1580	90	97	70-130	8	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1630	1630	1640	1430	101	88	70-130	13	20		
1,2-Dichloroethane	ug/kg	<25.0	1630	1630	1570	1610	96	99	56-145	2	20		
1,2-Dichloropropane	ug/kg	<25.0	1630	1630	1640	1390	101	86	77-123	16	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1630	1630	1690	1520	104	93	70-130	11	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1630	1630	1730	1510	105	91	70-130	14	20		
Benzene	ug/kg	<25.0	1630	1630	1530	1520	94	93	65-130	1	20		
Bromodichloromethane	ug/kg	<25.0	1630	1630	1530	1350	94	83	59-141	12	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530872		1530873		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40152307002 Result	MS Spike Conc.	MSD Spike Conc.									
Bromoform	ug/kg	<25.0	1630	1630	1350	1260	83	77	59-141	7	20		
Bromomethane	ug/kg	<69.9	1630	1630	1170	1340	72	82	28-139	13	20		
Carbon tetrachloride	ug/kg	<25.0	1630	1630	1380	1170	85	72	50-130	17	20		
Chlorobenzene	ug/kg	<25.0	1630	1630	1720	1580	105	97	70-130	8	20		
Chloroethane	ug/kg	<67.0	1630	1630	1330	1470	82	90	36-144	10	20		
Chloroform	ug/kg	<46.4	1630	1630	1620	1550	99	95	68-122	4	20		
Chloromethane	ug/kg	<25.0	1630	1630	1200	1080	74	67	30-126	10	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1630	1630	1530	1540	94	95	63-130	1	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1630	1630	1380	1320	85	81	70-130	4	20		
Dibromochloromethane	ug/kg	<25.0	1630	1630	1360	1320	83	81	66-136	3	20		
Dichlorodifluoromethane	ug/kg	<25.0	1630	1630	652	492	40	30	10-99	28	33		
Ethylbenzene	ug/kg	<25.0	1630	1630	1510	1440	93	88	80-122	5	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1630	1630	1530	1430	94	88	70-130	7	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1630	1630	1720	1620	106	99	63-134	6	20		
Methylene Chloride	ug/kg	<25.0	1630	1630	1660	1360	102	84	56-127	19	20		
Styrene	ug/kg	<25.0	1630	1630	1660	1630	102	100	70-130	2	20		
Tetrachloroethene	ug/kg	<25.0	1630	1630	1550	1420	95	87	70-131	9	20		
Toluene	ug/kg	<25.0	1630	1630	1580	1510	97	93	80-120	4	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1630	1630	1470	1480	90	91	60-130	1	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1630	1630	1450	1410	89	87	68-130	3	20		
Trichloroethene	ug/kg	<25.0	1630	1630	1650	1430	101	88	70-130	14	20		
Trichlorofluoromethane	ug/kg	<25.0	1630	1630	1310	1240	80	76	37-149	5	24		
Vinyl chloride	ug/kg	<25.0	1630	1630	1170	1070	72	65	39-128	9	20		
Xylene (Total)	ug/kg	<75.0	4880	4880	4710	4360	96	89	70-130	8	20		
4-Bromofluorobenzene (S)	%						85	91	58-141				
Dibromofluoromethane (S)	%						91	103	68-130				
Toluene-d8 (S)	%						82	97	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

QC Batch: 259912 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152261002, 40152261003, 40152261004, 40152261005, 40152261006, 40152261007

METHOD BLANK: 1530891 Matrix: Solid  
Associated Lab Samples: 40152261002, 40152261003, 40152261004, 40152261005, 40152261006, 40152261007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/27/17 09:04	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/27/17 09:04	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/27/17 09:04	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/27/17 09:04	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/27/17 09:04	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/27/17 09:04	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/27/17 09:04	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/27/17 09:04	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/27/17 09:04	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/27/17 09:04	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/27/17 09:04	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/27/17 09:04	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/27/17 09:04	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/27/17 09:04	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/27/17 09:04	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/27/17 09:04	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/27/17 09:04	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/27/17 09:04	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/27/17 09:04	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/27/17 09:04	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/27/17 09:04	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/27/17 09:04	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/27/17 09:04	
Benzene	ug/kg	<9.2	20.0	06/27/17 09:04	
Bromobenzene	ug/kg	<20.6	50.0	06/27/17 09:04	
Bromochloromethane	ug/kg	<21.4	50.0	06/27/17 09:04	
Bromodichloromethane	ug/kg	<9.8	50.0	06/27/17 09:04	
Bromoform	ug/kg	<19.8	50.0	06/27/17 09:04	
Bromomethane	ug/kg	<69.9	250	06/27/17 09:04	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/27/17 09:04	
Chlorobenzene	ug/kg	<14.8	50.0	06/27/17 09:04	
Chloroethane	ug/kg	<67.0	250	06/27/17 09:04	
Chloroform	ug/kg	<46.4	250	06/27/17 09:04	
Chloromethane	ug/kg	<20.4	50.0	06/27/17 09:04	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/27/17 09:04	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/27/17 09:04	
Dibromochloromethane	ug/kg	<17.9	50.0	06/27/17 09:04	
Dibromomethane	ug/kg	<19.3	50.0	06/27/17 09:04	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/27/17 09:04	
Diisopropyl ether	ug/kg	<17.7	50.0	06/27/17 09:04	
Ethylbenzene	ug/kg	<12.4	50.0	06/27/17 09:04	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

METHOD BLANK: 1530891

Matrix: Solid

Associated Lab Samples: 40152261002, 40152261003, 40152261004, 40152261005, 40152261006, 40152261007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	06/27/17 09:04	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/27/17 09:04	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/27/17 09:04	
Methylene Chloride	ug/kg	<16.2	50.0	06/27/17 09:04	
n-Butylbenzene	ug/kg	<10.5	50.0	06/27/17 09:04	
n-Propylbenzene	ug/kg	<11.6	50.0	06/27/17 09:04	
Naphthalene	ug/kg	<40.0	250	06/27/17 09:04	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/27/17 09:04	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/27/17 09:04	
Styrene	ug/kg	<9.0	50.0	06/27/17 09:04	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/27/17 09:04	
Tetrachloroethene	ug/kg	<12.9	50.0	06/27/17 09:04	
Toluene	ug/kg	<11.2	50.0	06/27/17 09:04	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/27/17 09:04	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/27/17 09:04	
Trichloroethene	ug/kg	<23.6	50.0	06/27/17 09:04	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/27/17 09:04	
Vinyl chloride	ug/kg	<21.1	50.0	06/27/17 09:04	
Xylene (Total)	ug/kg	<48.4	150	06/27/17 09:04	
4-Bromofluorobenzene (S)	%	94	58-141	06/27/17 09:04	
Dibromofluoromethane (S)	%	99	68-130	06/27/17 09:04	
Toluene-d8 (S)	%	106	68-149	06/27/17 09:04	

LABORATORY CONTROL SAMPLE: 1530892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2410	96	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2660	106	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2510	100	70-130	
1,1-Dichloroethane	ug/kg	2500	2350	94	63-124	
1,1-Dichloroethene	ug/kg	2500	2380	95	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2380	95	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2460	98	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2590	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2580	103	70-130	
1,2-Dichloroethane	ug/kg	2500	2760	111	56-135	
1,2-Dichloropropane	ug/kg	2500	2400	96	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2460	99	70-130	
Benzene	ug/kg	2500	2370	95	66-130	
Bromodichloromethane	ug/kg	2500	2400	96	62-135	
Bromoform	ug/kg	2500	2350	94	68-130	
Bromomethane	ug/kg	2500	2140	86	29-137	
Carbon tetrachloride	ug/kg	2500	2430	97	57-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

LABORATORY CONTROL SAMPLE: 1530892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2490	100	70-130	
Chloroethane	ug/kg	2500	2470	99	36-144	
Chloroform	ug/kg	2500	2420	97	69-115	
Chloromethane	ug/kg	2500	1690	67	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2230	89	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2420	97	70-130	
Dibromochloromethane	ug/kg	2500	2320	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1500	60	10-99	
Ethylbenzene	ug/kg	2500	2440	97	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2410	96	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2500	100	63-134	
Methylene Chloride	ug/kg	2500	2530	101	56-123	
Styrene	ug/kg	2500	2420	97	70-130	
Tetrachloroethene	ug/kg	2500	2510	101	70-131	
Toluene	ug/kg	2500	2460	98	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2280	91	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2490	100	68-130	
Trichloroethene	ug/kg	2500	2540	102	70-130	
Trichlorofluoromethane	ug/kg	2500	2600	104	37-149	
Vinyl chloride	ug/kg	2500	2050	82	43-128	
Xylene (Total)	ug/kg	7500	7080	94	70-130	
4-Bromofluorobenzene (S)	%			94	58-141	
Dibromofluoromethane (S)	%			99	68-130	
Toluene-d8 (S)	%			97	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530893 1530894

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152307006 Result	Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1580	1580	1320	1380	84	87	57-123	4	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1580	1580	1630	1570	103	100	73-135	4	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1580	1580	1580	1550	100	98	70-130	2	20		
1,1-Dichloroethane	ug/kg	<25.0	1580	1580	1360	1360	86	86	63-124	0	20		
1,1-Dichloroethene	ug/kg	<25.0	1580	1580	1320	1400	83	88	48-117	6	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1580	1580	1600	1600	101	101	78-145	0	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1580	1580	1460	1410	92	89	38-168	3	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1580	1580	1610	1600	102	101	70-130	1	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1580	1580	1600	1640	101	104	70-130	2	20		
1,2-Dichloroethane	ug/kg	<25.0	1580	1580	1720	1670	109	106	56-145	3	20		
1,2-Dichloropropane	ug/kg	<25.0	1580	1580	1500	1480	95	93	77-123	2	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1580	1580	1590	1590	101	101	70-130	0	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1580	1580	1580	1580	100	100	70-130	0	20		
Benzene	ug/kg	<25.0	1580	1580	1420	1420	90	90	65-130	1	20		
Bromodichloromethane	ug/kg	<25.0	1580	1580	1460	1480	93	93	59-141	1	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1530893 1530894											
Parameter	Units	40152307006 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Bromoform	ug/kg	<25.0	1580	1580	1360	1380	86	87	59-141	1	20
Bromomethane	ug/kg	<69.9	1580	1580	1300	1330	82	84	28-139	3	20
Carbon tetrachloride	ug/kg	<25.0	1580	1580	1260	1340	80	85	50-130	7	20
Chlorobenzene	ug/kg	<25.0	1580	1580	1560	1560	99	99	70-130	0	20
Chloroethane	ug/kg	<67.0	1580	1580	1390	1470	88	93	36-144	6	20
Chloroform	ug/kg	<46.4	1580	1580	1520	1530	96	97	68-122	1	20
Chloromethane	ug/kg	<25.0	1580	1580	957	980	61	62	30-126	2	20
cis-1,2-Dichloroethene	ug/kg	<25.0	1580	1580	1400	1360	89	86	63-130	3	20
cis-1,3-Dichloropropene	ug/kg	<25.0	1580	1580	1480	1450	94	92	70-130	2	20
Dibromochloromethane	ug/kg	<25.0	1580	1580	1390	1400	88	89	66-136	1	20
Dichlorodifluoromethane	ug/kg	<25.0	1580	1580	608	674	38	43	10-99	10	33
Ethylbenzene	ug/kg	<25.0	1580	1580	1420	1500	90	95	80-122	5	20
Isopropylbenzene (Cumene)	ug/kg	<25.0	1580	1580	1380	1420	87	90	70-130	3	20
Methyl-tert-butyl ether	ug/kg	<25.0	1580	1580	1620	1570	102	99	63-134	3	20
Methylene Chloride	ug/kg	<25.0	1580	1580	1640	1610	104	102	56-127	2	20
Styrene	ug/kg	<25.0	1580	1580	1490	1490	94	94	70-130	0	20
Tetrachloroethene	ug/kg	<25.0	1580	1580	1370	1450	86	92	70-131	6	20
Toluene	ug/kg	<25.0	1580	1580	1490	1510	94	95	80-120	1	20
trans-1,2-Dichloroethene	ug/kg	<25.0	1580	1580	1360	1420	86	90	60-130	4	20
trans-1,3-Dichloropropene	ug/kg	<25.0	1580	1580	1490	1490	94	94	68-130	0	20
Trichloroethene	ug/kg	<25.0	1580	1580	1490	1530	94	97	70-130	3	20
Trichlorofluoromethane	ug/kg	<25.0	1580	1580	1290	1510	82	95	37-149	15	24
Vinyl chloride	ug/kg	<25.0	1580	1580	1040	1120	66	71	39-128	7	20
Xylene (Total)	ug/kg	<75.0	4740	4740	4240	4370	89	92	70-130	3	20
4-Bromofluorobenzene (S)	%						93	91	58-141		
Dibromofluoromethane (S)	%						100	98	68-130		
Toluene-d8 (S)	%						102	100	68-149		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

QC Batch: 259962 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152261001

METHOD BLANK: 1531115 Matrix: Solid  
Associated Lab Samples: 40152261001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	06/28/17 16:34	
2-Methylnaphthalene	ug/kg	<5.0	16.7	06/28/17 16:34	
Acenaphthene	ug/kg	<3.9	12.9	06/28/17 16:34	
Acenaphthylene	ug/kg	<3.3	11.0	06/28/17 16:34	
Anthracene	ug/kg	<5.7	19.0	06/28/17 16:34	
Benzo(a)anthracene	ug/kg	<3.2	10.6	06/28/17 16:34	
Benzo(a)pyrene	ug/kg	<2.5	8.4	06/28/17 16:34	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	06/28/17 16:34	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	06/28/17 16:34	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	06/28/17 16:34	
Chrysene	ug/kg	<3.4	11.2	06/28/17 16:34	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	06/28/17 16:34	
Fluoranthene	ug/kg	<5.2	17.4	06/28/17 16:34	
Fluorene	ug/kg	<4.1	13.8	06/28/17 16:34	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	06/28/17 16:34	
Naphthalene	ug/kg	<8.4	28.1	06/28/17 16:34	
Phenanthrene	ug/kg	<11.6	38.8	06/28/17 16:34	
Pyrene	ug/kg	<4.5	15.0	06/28/17 16:34	
2-Fluorobiphenyl (S)	%	63	19-96	06/28/17 16:34	
Terphenyl-d14 (S)	%	72	31-98	06/28/17 16:34	

LABORATORY CONTROL SAMPLE: 1531116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	223	67	49-102	
2-Methylnaphthalene	ug/kg	333	231	69	47-91	
Acenaphthene	ug/kg	333	249	75	52-97	
Acenaphthylene	ug/kg	333	240	72	49-97	
Anthracene	ug/kg	333	248	75	62-101	
Benzo(a)anthracene	ug/kg	333	221	66	53-95	
Benzo(a)pyrene	ug/kg	333	249	75	57-108	
Benzo(b)fluoranthene	ug/kg	333	240	72	53-113	
Benzo(g,h,i)perylene	ug/kg	333	215	65	43-114	
Benzo(k)fluoranthene	ug/kg	333	261	78	66-116	
Chrysene	ug/kg	333	241	72	64-109	
Dibenz(a,h)anthracene	ug/kg	333	241	72	50-105	
Fluoranthene	ug/kg	333	248	74	58-107	
Fluorene	ug/kg	333	247	74	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	333	233	70	51-113	
Naphthalene	ug/kg	333	219	66	50-91	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

LABORATORY CONTROL SAMPLE: 1531116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	246	74	57-101	
Pyrene	ug/kg	333	226	68	50-102	
2-Fluorobiphenyl (S)	%			69	19-96	
Terphenyl-d14 (S)	%			69	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1531117 1531118

Parameter	Units	1531117		1531118		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40152229009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/kg	<16.8	417	417	302	300	72	72	37-102	1	29	
2-Methylnaphthalene	ug/kg	<20.9	417	417	299	297	72	71	44-91	1	36	
Acenaphthene	ug/kg	<16.2	417	417	324	324	78	78	46-97	0	26	
Acenaphthylene	ug/kg	<13.8	417	417	319	319	76	76	47-97	0	29	
Anthracene	ug/kg	<23.8	417	417	333	335	80	80	50-101	1	28	
Benzo(a)anthracene	ug/kg	<13.3	417	417	305	306	73	73	48-95	0	28	
Benzo(a)pyrene	ug/kg	<10.5	417	417	341	351	82	84	47-108	3	36	
Benzo(b)fluoranthene	ug/kg	<11.8	417	417	345	347	83	83	42-113	1	34	
Benzo(g,h,i)perylene	ug/kg	<8.5	417	417	300	285	72	68	18-114	5	30	
Benzo(k)fluoranthene	ug/kg	<10.5	417	417	355	374	85	90	50-116	5	27	
Chrysene	ug/kg	<14.0	417	417	324	329	78	79	55-109	1	28	
Dibenz(a,h)anthracene	ug/kg	<9.3	417	417	332	329	79	79	39-105	1	29	
Fluoranthene	ug/kg	<21.8	417	417	320	326	77	78	41-107	2	28	
Fluorene	ug/kg	<17.3	417	417	320	322	77	77	48-99	0	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<9.2	417	417	311	307	75	74	27-113	1	30	
Naphthalene	ug/kg	<35.2	417	417	299	297	72	71	40-91	1	37	
Phenanthrene	ug/kg	<48.7	417	417	321	324	77	78	46-101	1	40	
Pyrene	ug/kg	<18.8	417	417	322	326	77	78	50-102	1	31	
2-Fluorobiphenyl (S)	%						61	60	19-96			
Terphenyl-d14 (S)	%						72	71	31-98			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

QC Batch: 260090 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152261003, 40152261005, 40152261006, 40152261007, 40152261008

METHOD BLANK: 1532257 Matrix: Solid  
Associated Lab Samples: 40152261003, 40152261005, 40152261006, 40152261007, 40152261008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	06/30/17 09:17	
2-Methylnaphthalene	ug/kg	<5.0	16.7	06/30/17 09:17	
Acenaphthene	ug/kg	<3.9	12.9	06/30/17 09:17	
Acenaphthylene	ug/kg	<3.3	11.0	06/30/17 09:17	
Anthracene	ug/kg	<5.7	19.0	06/30/17 09:17	
Benzo(a)anthracene	ug/kg	<3.2	10.6	06/30/17 09:17	
Benzo(a)pyrene	ug/kg	<2.5	8.4	06/30/17 09:17	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	06/30/17 09:17	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	06/30/17 09:17	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	06/30/17 09:17	
Chrysene	ug/kg	<3.4	11.2	06/30/17 09:17	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	06/30/17 09:17	
Fluoranthene	ug/kg	<5.2	17.4	06/30/17 09:17	
Fluorene	ug/kg	<4.1	13.8	06/30/17 09:17	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	06/30/17 09:17	
Naphthalene	ug/kg	<8.4	28.1	06/30/17 09:17	
Phenanthrene	ug/kg	<11.7	38.9	06/30/17 09:17	
Pyrene	ug/kg	<4.5	15.0	06/30/17 09:17	
2-Fluorobiphenyl (S)	%	56	19-96	06/30/17 09:17	
Terphenyl-d14 (S)	%	69	31-98	06/30/17 09:17	

LABORATORY CONTROL SAMPLE: 1532258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	203	61	49-102	
2-Methylnaphthalene	ug/kg	334	202	60	47-91	
Acenaphthene	ug/kg	334	235	70	52-97	
Acenaphthylene	ug/kg	334	229	69	49-97	
Anthracene	ug/kg	334	241	72	62-101	
Benzo(a)anthracene	ug/kg	334	218	65	53-95	
Benzo(a)pyrene	ug/kg	334	250	75	57-108	
Benzo(b)fluoranthene	ug/kg	334	250	75	53-113	
Benzo(g,h,i)perylene	ug/kg	334	242	72	43-114	
Benzo(k)fluoranthene	ug/kg	334	260	78	66-116	
Chrysene	ug/kg	334	238	71	64-109	
Dibenz(a,h)anthracene	ug/kg	334	244	73	50-105	
Fluoranthene	ug/kg	334	234	70	58-107	
Fluorene	ug/kg	334	234	70	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	334	239	71	51-113	
Naphthalene	ug/kg	334	206	62	50-91	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

LABORATORY CONTROL SAMPLE: 1532258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	334	236	71	57-101	
Pyrene	ug/kg	334	233	70	50-102	
2-Fluorobiphenyl (S)	%			62	19-96	
Terphenyl-d14 (S)	%			72	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532259 1532260

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40152261006 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/kg	<4.5	375	376	214	194	57	51	37-102	10	29	
2-Methylnaphthalene	ug/kg	<5.6	375	376	214	194	57	52	44-91	10	36	
Acenaphthene	ug/kg	<4.4	375	376	247	247	66	66	46-97	0	26	
Acenaphthylene	ug/kg	<3.7	375	376	240	239	64	64	47-97	0	29	
Anthracene	ug/kg	<6.4	375	376	234	246	62	66	50-101	5	28	
Benzo(a)anthracene	ug/kg	<3.6	375	376	220	229	59	61	48-95	4	28	
Benzo(a)pyrene	ug/kg	<2.8	375	376	231	247	61	65	47-108	7	36	
Benzo(b)fluoranthene	ug/kg	<3.2	375	376	233	261	62	69	42-113	11	34	
Benzo(g,h,i)perylene	ug/kg	<2.3	375	376	152	148	40	39	18-114	2	30	
Benzo(k)fluoranthene	ug/kg	<2.8	375	376	247	256	66	68	50-116	3	27	
Chrysene	ug/kg	<3.8	375	376	219	233	58	62	55-109	6	28	
Dibenz(a,h)anthracene	ug/kg	<2.5	375	376	198	205	53	54	39-105	3	29	
Fluoranthene	ug/kg	<5.9	375	376	222	236	59	63	41-107	6	28	
Fluorene	ug/kg	<4.7	375	376	236	243	63	65	48-99	3	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.5	375	376	180	184	48	49	27-113	2	30	
Naphthalene	ug/kg	<9.5	375	376	238	209	63	56	40-91	13	37	
Phenanthrene	ug/kg	<13.1	375	376	228	241	60	64	46-101	6	40	
Pyrene	ug/kg	<5.1	375	376	222	232	59	61	50-102	4	31	
2-Fluorobiphenyl (S)	%						58	55	19-96			
Terphenyl-d14 (S)	%						60	63	31-98			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

QC Batch: 260822 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152261002, 40152261004, 40152261009

METHOD BLANK: 1536144 Matrix: Solid  
Associated Lab Samples: 40152261002, 40152261004, 40152261009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/07/17 15:37	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/07/17 15:37	
Acenaphthene	ug/kg	<3.9	12.9	07/07/17 15:37	
Acenaphthylene	ug/kg	<3.3	11.0	07/07/17 15:37	
Anthracene	ug/kg	<5.7	19.0	07/07/17 15:37	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/07/17 15:37	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/07/17 15:37	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/07/17 15:37	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/07/17 15:37	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	07/07/17 15:37	
Chrysene	ug/kg	<3.4	11.2	07/07/17 15:37	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	07/07/17 15:37	
Fluoranthene	ug/kg	<5.2	17.4	07/07/17 15:37	
Fluorene	ug/kg	<4.1	13.8	07/07/17 15:37	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/07/17 15:37	
Naphthalene	ug/kg	<8.4	28.1	07/07/17 15:37	
Phenanthrene	ug/kg	<11.7	38.8	07/07/17 15:37	
Pyrene	ug/kg	<4.5	15.0	07/07/17 15:37	
2-Fluorobiphenyl (S)	%	63	19-96	07/07/17 15:37	
Terphenyl-d14 (S)	%	77	31-98	07/07/17 15:37	

LABORATORY CONTROL SAMPLE: 1536145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	250	75	49-102	
2-Methylnaphthalene	ug/kg	333	246	74	47-91	
Acenaphthene	ug/kg	333	263	79	52-97	
Acenaphthylene	ug/kg	333	256	77	49-97	
Anthracene	ug/kg	333	269	81	62-101	
Benzo(a)anthracene	ug/kg	333	239	72	53-95	
Benzo(a)pyrene	ug/kg	333	274	82	57-108	
Benzo(b)fluoranthene	ug/kg	333	288	86	53-113	
Benzo(g,h,i)perylene	ug/kg	333	217	65	43-114	
Benzo(k)fluoranthene	ug/kg	333	301	90	66-116	
Chrysene	ug/kg	333	265	80	64-109	
Dibenz(a,h)anthracene	ug/kg	333	244	73	50-105	
Fluoranthene	ug/kg	333	257	77	58-107	
Fluorene	ug/kg	333	256	77	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	333	230	69	51-113	
Naphthalene	ug/kg	333	249	75	50-91	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

LABORATORY CONTROL SAMPLE: 1536145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	252	76	57-101	
Pyrene	ug/kg	333	250	75	50-102	
2-Fluorobiphenyl (S)	%			72	19-96	
Terphenyl-d14 (S)	%			79	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1536146 1536147

Parameter	Units	40152507006		1536146		1536147		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1-Methylnaphthalene	ug/kg	<4.3	355	356	279	249	78	70	37-102	12	29			
2-Methylnaphthalene	ug/kg	<5.3	355	356	275	244	77	69	44-91	12	36			
Acenaphthene	ug/kg	<4.1	355	356	295	258	83	72	46-97	13	26			
Acenaphthylene	ug/kg	<3.5	355	356	288	255	81	72	47-97	12	29			
Anthracene	ug/kg	<6.1	355	356	301	265	85	74	50-101	13	28			
Benzo(a)anthracene	ug/kg	<3.4	355	356	277	242	77	68	48-95	13	28			
Benzo(a)pyrene	ug/kg	<2.7	355	356	314	283	88	80	47-108	10	36			
Benzo(b)fluoranthene	ug/kg	<3.0	355	356	321	272	90	77	42-113	16	34			
Benzo(g,h,i)perylene	ug/kg	<2.2	355	356	341	292	96	82	18-114	16	30			
Benzo(k)fluoranthene	ug/kg	<2.7	355	356	344	305	97	86	50-116	12	27			
Chrysene	ug/kg	<3.6	355	356	300	262	84	73	55-109	13	28			
Dibenz(a,h)anthracene	ug/kg	<2.4	355	356	322	281	91	79	39-105	14	29			
Fluoranthene	ug/kg	<5.6	355	356	291	254	81	71	41-107	13	28			
Fluorene	ug/kg	<4.4	355	356	289	253	81	71	48-99	13	28			
Indeno(1,2,3-cd)pyrene	ug/kg	<2.3	355	356	323	278	91	78	27-113	15	30			
Naphthalene	ug/kg	<9.0	355	356	283	251	79	71	40-91	12	37			
Phenanthrene	ug/kg	<12.4	355	356	287	253	80	70	46-101	13	40			
Pyrene	ug/kg	<4.8	355	356	301	261	84	72	50-102	14	31			
2-Fluorobiphenyl (S)	%						70	63	19-96					
Terphenyl-d14 (S)	%						84	74	31-98					

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

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QC Batch:	259895	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152261001, 40152261002, 40152261003, 40152261004, 40152261005, 40152261006, 40152261007, 40152261008, 40152261009		

---

SAMPLE DUPLICATE: 1530855

Parameter	Units	40152265010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.8	5.6	4	10	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152261

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

1q	The sample was originally extracted within hold time but due to surrogate failures the sample required reextraction and the reextraction was performed past the samples hold time.
2q	The sample was originally extracted within the sample hold time but due to surrogate failure the sample required reextraction and the reextraction was performed past the sample hold time.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H2	Extraction or preparation was conducted outside of the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
W	Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152261

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152261001	TWB-11A 0-2	EPA 3050	259752	EPA 6010	259890
40152261002	TWB-11A 2-4	EPA 3050	259752	EPA 6010	259890
40152261003	TWB-11A 4-6	EPA 3050	259752	EPA 6010	259890
40152261001	TWB-11A 0-2	EPA 7471	259775	EPA 7471	259851
40152261002	TWB-11A 2-4	EPA 7471	259775	EPA 7471	259851
40152261003	TWB-11A 4-6	EPA 7471	259775	EPA 7471	259851
40152261001	TWB-11A 0-2	EPA 3546	259962	EPA 8270 by SIM	260052
40152261002	TWB-11A 2-4	EPA 3546	260822	EPA 8270 by SIM	260875
40152261003	TWB-11A 4-6	EPA 3546	260090	EPA 8270 by SIM	260125
40152261004	TWB-11B 0-2	EPA 3546	260822	EPA 8270 by SIM	260875
40152261005	TWB-11B 2-4	EPA 3546	260090	EPA 8270 by SIM	260125
40152261006	TWB-11B 4-6	EPA 3546	260090	EPA 8270 by SIM	260125
40152261007	TWB-11C 2-4	EPA 3546	260090	EPA 8270 by SIM	260125
40152261008	TWB-11C 4-6	EPA 3546	260090	EPA 8270 by SIM	260125
40152261009	TWB-11C 6-8	EPA 3546	260822	EPA 8270 by SIM	260875
40152261001	TWB-11A 0-2	EPA 5035/5030B	259901	EPA 8260	259910
40152261002	TWB-11A 2-4	EPA 5035/5030B	259912	EPA 8260	259913
40152261003	TWB-11A 4-6	EPA 5035/5030B	259912	EPA 8260	259913
40152261004	TWB-11B 0-2	EPA 5035/5030B	259912	EPA 8260	259913
40152261005	TWB-11B 2-4	EPA 5035/5030B	259912	EPA 8260	259913
40152261006	TWB-11B 4-6	EPA 5035/5030B	259912	EPA 8260	259913
40152261007	TWB-11C 2-4	EPA 5035/5030B	259912	EPA 8260	259913
40152261008	TWB-11C 4-6	EPA 5035/5030B	259901	EPA 8260	259910
40152261009	TWB-11C 6-8	EPA 5035/5030B	259901	EPA 8260	259910
40152261001	TWB-11A 0-2	ASTM D2974-87	259895		
40152261002	TWB-11A 2-4	ASTM D2974-87	259895		
40152261003	TWB-11A 4-6	ASTM D2974-87	259895		
40152261004	TWB-11B 0-2	ASTM D2974-87	259895		
40152261005	TWB-11B 2-4	ASTM D2974-87	259895		
40152261006	TWB-11B 4-6	ASTM D2974-87	259895		
40152261007	TWB-11C 2-4	ASTM D2974-87	259895		
40152261008	TWB-11C 4-6	ASTM D2974-87	259895		
40152261009	TWB-11C 6-8	ASTM D2974-87	259895		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40152261

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page: _____ of _____	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:		<b>REGULATORY AGENCY</b> <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:			
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:			
Phone: 262-544-0118 Fax: _____		Project Name: The Couture		Pace Quote Reference:			
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:		Site Location STATE: WI	
				Pace Profile #:		[Hatched Area]	

SSM

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (A-Z, 0-9 / .-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Analysis Test ↓	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other		VOC	PAH	Arsenic	Lead	Selenium	Mercury			
					DATE	TIME	DATE	TIME																				
001	1	TWB-11A 0-2	SL	G	6/22/17	1300			2	X																1-40204	1-40204 #	1-40204
002	2	TWB-11A 2-4	SL	G		1305			2	X																		
003	3	TWB-11A 4-6	SL	G		1310			2	X																		
004	4	TWB-11B 0-2	SL	G		1400			2	X																		
005	5	TWB-11B 2-4	SL	G		1405			2	X																		
006	6	TWB-11B 4-6	SL	G		1410			2	X																		
007	7	TWB-11C 2-4	SL	G		1510			2	X																		
008	8	TWB-11C 4-6	SL	G		1515			2	X																		
009	9	TWB-11C 6-8	SL	G		1520			2	X																		
	10		SL	G					2	X																		
	11		SL	G					2	X																		
	12		SL	G					2	X																		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>[Signature]</i> Giles	6/23/17	10:22	Mary Janni	6/23/17	10:22	
	Mary Janni	6/23/17	10:22	Roanda Lee	6/23/17	10:22	
	Roanda Lee	6/23/17	1351	Suzanne	6/23/17	1351	REL X N Y

<b>SAMPLER NAME AND SIGNATURE</b>	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden				
SIGNATURE of SAMPLER: <i>[Signature]</i> DATE Signed (MM/DD/YY): 6/22/17				

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

**Pace Analytical**  
**Client Name:** Giles Eng

**Sample Condition Upon Receipt**

Pace Analytical Services, LLC. - Green Bay WI  
 1241 Bellevue Street, Suite 9  
 Green Bay, WI 54302

Project #:

**WO# : 40152261**



**Courier:**  Fed Ex  UPS  Client  Pace  Other

**Tracking #:** \_\_\_\_\_

**Custody Seal on Cooler/Box Present:**  yes  no **Seals intact:**  yes  no

**Custody Seal on Samples Present:**  yes  no **Seals intact:**  yes  no

**Packing Material:**  Bubble Wrap  Bubble Bags  None  Other

**Thermometer Used:** N/A **Type of Ice:**  Wet  Blue  Dry  None  Samples on ice, cooling process has begun

**Cooler Temperature:** ROT **Biological Tissue is Frozen:**  yes  no

**Temp Blank Present:**  yes  no

Temp should be above freezing to 6°C.  
 Biota Samples may be received at ≤ 0°C.

**Person examining contents:**  
**Date:** 6-23-17  
**Initials:** SW

**Comments:**

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
<b>Short Hold Time Analysis (&lt;72hr):</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
<b>Rush Turn Around Time Requested:</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>15</u>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

**Client Notification/ Resolution:** \_\_\_\_\_ If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

**Project Manager Review:** RMR for NM

**Date:** 6/23/17

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page: _____ of _____	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:		<b>REGULATORY AGENCY</b>	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:			
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:		<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Phone: 262-544-0118   Fax:		Project Name: The Couture		Pace Quote Reference:		Site Location STATE: <u>WI</u>	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:			
				Pace Profile #:			

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.											
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other		VOC	PAH	Arsenic	Lead	Selenium	Mercury																	
					DATE	TIME	DATE	TIME																																		
					DATE	TIME	DATE	TIME																																		
1	TWB-11A	0-2	SL	G	6/22/17	1300			2	x																																
2	TWB-11A	2-4	SL	G		1305			2	x																																
3	TWB-11A	4-6	SL	G		1310			2	x																																
4	TWB-11B	0-2	SL	G		1400			2	x																																
5	TWB-11B	2-4	SL	G		1405			2	x																																
6	TWB-11B	4-6	SL	G		1410			2	x																																
7	TWB-11C	2-4	SL	G		1510			2	x																																
8	TWB-11C	4-6	SL	G		1515			2	x																																
9	TWB-11C	6-8	SL	G		1520			2	x																																
10			SL	G					2	x																																
11			SL	G					2	x																																
12			SL	G					2	x																																

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS	
		<i>[Signature]</i> Giles		6/22/17		<i>[Signature]</i> Mary Fanni		6/23/17	10:22		

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden					
SIGNATURE of SAMPLER: <i>[Signature]</i>		DATE Signed (MM/DD/YY): 6/22/17			

July 19, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on July 07, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152905001	B-14A 2-4	Solid	07/03/17 10:40	07/07/17 09:45
40152905002	B-14A 4-6	Solid	07/03/17 10:45	07/07/17 09:45
40152905003	B-14A 10-12	Solid	07/03/17 10:50	07/07/17 09:45
40152905004	B-14A 14-16	Solid	07/03/17 10:55	07/07/17 09:45
40152905005	B-14B 2-4	Solid	07/03/17 09:25	07/07/17 09:45
40152905006	B-14B 8-10	Solid	07/03/17 09:30	07/07/17 09:45
40152905007	B-14B 12-14	Solid	07/03/17 09:35	07/07/17 09:45
40152905008	B-14B 14-16	Solid	07/03/17 09:40	07/07/17 09:45

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152905001	B-14A 2-4	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152905002	B-14A 4-6	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152905003	B-14A 10-12	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152905004	B-14A 14-16	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152905005	B-14B 2-4	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152905006	B-14B 8-10	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152905007	B-14B 12-14	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152905008	B-14B 14-16	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152905001</b>	<b>B-14A 2-4</b>					
EPA 8270 by SIM	Acenaphthene	12.2J	ug/kg	28.4	07/17/17 19:07	
EPA 8270 by SIM	Acenaphthylene	16.8J	ug/kg	24.3	07/17/17 19:07	
EPA 8270 by SIM	Anthracene	45.1	ug/kg	41.9	07/17/17 19:07	
EPA 8270 by SIM	Benzo(a)anthracene	93.8	ug/kg	23.4	07/17/17 19:07	
EPA 8270 by SIM	Benzo(a)pyrene	107	ug/kg	18.5	07/17/17 19:07	
EPA 8270 by SIM	Benzo(b)fluoranthene	126	ug/kg	20.8	07/17/17 19:07	
EPA 8270 by SIM	Benzo(g,h,i)perylene	109	ug/kg	14.9	07/17/17 19:07	
EPA 8270 by SIM	Benzo(k)fluoranthene	102	ug/kg	18.4	07/17/17 19:07	
EPA 8270 by SIM	Chrysene	128	ug/kg	24.7	07/17/17 19:07	
EPA 8270 by SIM	Dibenz(a,h)anthracene	33.7	ug/kg	16.4	07/17/17 19:07	
EPA 8270 by SIM	Fluoranthene	149	ug/kg	38.4	07/17/17 19:07	
EPA 8270 by SIM	Fluorene	10.9J	ug/kg	30.4	07/17/17 19:07	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	82.1	ug/kg	16.2	07/17/17 19:07	
EPA 8270 by SIM	1-Methylnaphthalene	199	ug/kg	29.6	07/17/17 19:07	
EPA 8270 by SIM	2-Methylnaphthalene	241	ug/kg	36.8	07/17/17 19:07	
EPA 8270 by SIM	Naphthalene	185	ug/kg	62.0	07/17/17 19:07	
EPA 8270 by SIM	Phenanthrene	287	ug/kg	85.6	07/17/17 19:07	
EPA 8270 by SIM	Pyrene	148	ug/kg	33.1	07/17/17 19:07	
EPA 8260	Benzene	55.1J	ug/kg	72.8	07/11/17 01:33	
EPA 8260	n-Butylbenzene	50.4J	ug/kg	72.8	07/11/17 01:33	
EPA 8260	sec-Butylbenzene	53.2J	ug/kg	72.8	07/11/17 01:33	
EPA 8260	Ethylbenzene	48.9J	ug/kg	72.8	07/11/17 01:33	
EPA 8260	Isopropylbenzene (Cumene)	52.6J	ug/kg	72.8	07/11/17 01:33	
EPA 8260	Naphthalene	166J	ug/kg	303	07/11/17 01:33	
EPA 8260	n-Propylbenzene	56.8J	ug/kg	72.8	07/11/17 01:33	
EPA 8260	Toluene	230	ug/kg	72.8	07/11/17 01:33	
EPA 8260	1,2,4-Trimethylbenzene	138	ug/kg	72.8	07/11/17 01:33	
EPA 8260	1,3,5-Trimethylbenzene	71.7J	ug/kg	72.8	07/11/17 01:33	
EPA 8260	Xylene (Total)	316	ug/kg	218	07/11/17 01:33	
ASTM D2974-87	Percent Moisture	10.4	%	0.10	07/13/17 15:58	
<b>40152905002</b>	<b>B-14A 4-6</b>					
EPA 8270 by SIM	Acenaphthene	52.9J	ug/kg	77.9	07/17/17 19:41	
EPA 8270 by SIM	Acenaphthylene	65.7J	ug/kg	66.4	07/17/17 19:41	
EPA 8270 by SIM	Anthracene	166	ug/kg	115	07/17/17 19:41	
EPA 8270 by SIM	Benzo(a)anthracene	331	ug/kg	64.0	07/17/17 19:41	
EPA 8270 by SIM	Benzo(a)pyrene	331	ug/kg	50.5	07/17/17 19:41	
EPA 8270 by SIM	Benzo(b)fluoranthene	317	ug/kg	56.8	07/17/17 19:41	
EPA 8270 by SIM	Benzo(g,h,i)perylene	272	ug/kg	40.9	07/17/17 19:41	
EPA 8270 by SIM	Benzo(k)fluoranthene	304	ug/kg	50.5	07/17/17 19:41	
EPA 8270 by SIM	Chrysene	411	ug/kg	67.6	07/17/17 19:41	
EPA 8270 by SIM	Dibenz(a,h)anthracene	95.3	ug/kg	45.0	07/17/17 19:41	
EPA 8270 by SIM	Fluoranthene	653	ug/kg	105	07/17/17 19:41	
EPA 8270 by SIM	Fluorene	89.2	ug/kg	83.3	07/17/17 19:41	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	222	ug/kg	44.2	07/17/17 19:41	
EPA 8270 by SIM	1-Methylnaphthalene	1370	ug/kg	80.9	07/17/17 19:41	
EPA 8270 by SIM	2-Methylnaphthalene	1690	ug/kg	101	07/17/17 19:41	
EPA 8270 by SIM	Naphthalene	1260	ug/kg	170	07/17/17 19:41	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152905002</b>	<b>B-14A 4-6</b>					
EPA 8270 by SIM	Phenanthrene	1200	ug/kg	234	07/17/17 19:41	
EPA 8270 by SIM	Pyrene	600	ug/kg	90.5	07/17/17 19:41	
EPA 8260	n-Butylbenzene	42.6J	ug/kg	81.5	07/11/17 03:28	
EPA 8260	sec-Butylbenzene	34.4J	ug/kg	81.5	07/11/17 03:28	
EPA 8260	Naphthalene	119J	ug/kg	340	07/11/17 03:28	
EPA 8260	1,2,4-Trimethylbenzene	60.8J	ug/kg	81.5	07/11/17 03:28	
EPA 8260	1,3,5-Trimethylbenzene	43.1J	ug/kg	81.5	07/11/17 03:28	
EPA 8260	Xylene (Total)	134J	ug/kg	245	07/11/17 03:28	
ASTM D2974-87	Percent Moisture	17.3	%	0.10	07/13/17 15:58	
<b>40152905003</b>	<b>B-14A 10-12</b>					
EPA 8270 by SIM	Acenaphthene	19.1J	ug/kg	30.2	07/17/17 18:49	
EPA 8270 by SIM	Anthracene	40.9J	ug/kg	44.4	07/17/17 18:49	
EPA 8270 by SIM	Benzo(a)anthracene	644	ug/kg	24.8	07/17/17 18:49	
EPA 8270 by SIM	Benzo(a)pyrene	912	ug/kg	19.6	07/17/17 18:49	
EPA 8270 by SIM	Benzo(b)fluoranthene	1150	ug/kg	22.0	07/17/17 18:49	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1040	ug/kg	15.8	07/17/17 18:49	
EPA 8270 by SIM	Benzo(k)fluoranthene	1080	ug/kg	19.5	07/17/17 18:49	
EPA 8270 by SIM	Chrysene	1080	ug/kg	26.2	07/17/17 18:49	
EPA 8270 by SIM	Dibenz(a,h)anthracene	357	ug/kg	17.4	07/17/17 18:49	
EPA 8270 by SIM	Fluoranthene	1030	ug/kg	40.7	07/17/17 18:49	
EPA 8270 by SIM	Fluorene	11.4J	ug/kg	32.3	07/17/17 18:49	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	820	ug/kg	17.1	07/17/17 18:49	
EPA 8270 by SIM	1-Methylnaphthalene	48.2	ug/kg	31.3	07/17/17 18:49	
EPA 8270 by SIM	2-Methylnaphthalene	62.7	ug/kg	39.0	07/17/17 18:49	
EPA 8270 by SIM	Naphthalene	64.3J	ug/kg	65.7	07/17/17 18:49	
EPA 8270 by SIM	Phenanthrene	268	ug/kg	90.7	07/17/17 18:49	
EPA 8270 by SIM	Pyrene	774	ug/kg	35.1	07/17/17 18:49	
ASTM D2974-87	Percent Moisture	14.5	%	0.10	07/13/17 15:59	
<b>40152905004</b>	<b>B-14A 14-16</b>					
EPA 8270 by SIM	Acenaphthene	24.5J	ug/kg	34.5	07/17/17 18:15	
EPA 8270 by SIM	Anthracene	71.3	ug/kg	50.9	07/17/17 18:15	
EPA 8270 by SIM	Benzo(a)anthracene	487	ug/kg	28.4	07/17/17 18:15	
EPA 8270 by SIM	Benzo(a)pyrene	625	ug/kg	22.4	07/17/17 18:15	
EPA 8270 by SIM	Benzo(b)fluoranthene	605	ug/kg	25.2	07/17/17 18:15	
EPA 8270 by SIM	Benzo(g,h,i)perylene	496	ug/kg	18.1	07/17/17 18:15	
EPA 8270 by SIM	Benzo(k)fluoranthene	588	ug/kg	22.4	07/17/17 18:15	
EPA 8270 by SIM	Chrysene	719	ug/kg	30.0	07/17/17 18:15	
EPA 8270 by SIM	Dibenz(a,h)anthracene	167	ug/kg	19.9	07/17/17 18:15	
EPA 8270 by SIM	Fluoranthene	845	ug/kg	46.6	07/17/17 18:15	
EPA 8270 by SIM	Fluorene	11.7J	ug/kg	36.9	07/17/17 18:15	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	411	ug/kg	19.6	07/17/17 18:15	
EPA 8270 by SIM	1-Methylnaphthalene	19.3J	ug/kg	35.9	07/17/17 18:15	
EPA 8270 by SIM	2-Methylnaphthalene	25.0J	ug/kg	44.7	07/17/17 18:15	
EPA 8270 by SIM	Naphthalene	34.8J	ug/kg	75.2	07/17/17 18:15	
EPA 8270 by SIM	Phenanthrene	407	ug/kg	104	07/17/17 18:15	
EPA 8270 by SIM	Pyrene	698	ug/kg	40.1	07/17/17 18:15	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152905004</b>	<b>B-14A 14-16</b>					
ASTM D2974-87	Percent Moisture	25.3	%	0.10	07/13/17 15:59	
<b>40152905005</b>	<b>B-14B 2-4</b>					
EPA 8270 by SIM	Acenaphthene	223	ug/kg	71.5	07/17/17 19:59	
EPA 8270 by SIM	Acenaphthylene	43.8J	ug/kg	61.0	07/17/17 19:59	
EPA 8270 by SIM	Anthracene	528	ug/kg	105	07/17/17 19:59	
EPA 8270 by SIM	Benzo(a)anthracene	502	ug/kg	58.8	07/17/17 19:59	
EPA 8270 by SIM	Benzo(a)pyrene	381	ug/kg	46.4	07/17/17 19:59	
EPA 8270 by SIM	Benzo(b)fluoranthene	276	ug/kg	52.2	07/17/17 19:59	
EPA 8270 by SIM	Benzo(g,h,i)perylene	195	ug/kg	37.5	07/17/17 19:59	
EPA 8270 by SIM	Benzo(k)fluoranthene	372	ug/kg	46.4	07/17/17 19:59	
EPA 8270 by SIM	Chrysene	515	ug/kg	62.1	07/17/17 19:59	
EPA 8270 by SIM	Dibenz(a,h)anthracene	87.8	ug/kg	41.3	07/17/17 19:59	
EPA 8270 by SIM	Fluoranthene	1270	ug/kg	96.5	07/17/17 19:59	
EPA 8270 by SIM	Fluorene	242	ug/kg	76.5	07/17/17 19:59	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	195	ug/kg	40.7	07/17/17 19:59	
EPA 8270 by SIM	1-Methylnaphthalene	132	ug/kg	74.3	07/17/17 19:59	
EPA 8270 by SIM	2-Methylnaphthalene	164	ug/kg	92.6	07/17/17 19:59	
EPA 8270 by SIM	Naphthalene	149J	ug/kg	156	07/17/17 19:59	
EPA 8270 by SIM	Phenanthrene	1840	ug/kg	215	07/17/17 19:59	
EPA 8270 by SIM	Pyrene	1010	ug/kg	83.2	07/17/17 19:59	
ASTM D2974-87	Percent Moisture	10.1	%	0.10	07/13/17 15:59	
<b>40152905006</b>	<b>B-14B 8-10</b>					
EPA 8270 by SIM	Acenaphthene	7.0J	ug/kg	14.5	07/18/17 02:55	
EPA 8270 by SIM	Acenaphthylene	11.7J	ug/kg	12.3	07/18/17 02:55	
EPA 8270 by SIM	Anthracene	30.9	ug/kg	21.3	07/18/17 02:55	
EPA 8270 by SIM	Benzo(a)anthracene	103	ug/kg	11.9	07/18/17 02:55	
EPA 8270 by SIM	Benzo(a)pyrene	113	ug/kg	9.4	07/18/17 02:55	
EPA 8270 by SIM	Benzo(b)fluoranthene	132	ug/kg	10.5	07/18/17 02:55	
EPA 8270 by SIM	Benzo(g,h,i)perylene	94.1	ug/kg	7.6	07/18/17 02:55	
EPA 8270 by SIM	Benzo(k)fluoranthene	120	ug/kg	9.4	07/18/17 02:55	
EPA 8270 by SIM	Chrysene	140	ug/kg	12.5	07/18/17 02:55	
EPA 8270 by SIM	Dibenz(a,h)anthracene	34.0	ug/kg	8.3	07/18/17 02:55	
EPA 8270 by SIM	Fluoranthene	186	ug/kg	19.5	07/18/17 02:55	
EPA 8270 by SIM	Fluorene	8.7J	ug/kg	15.5	07/18/17 02:55	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	82.0	ug/kg	8.2	07/18/17 02:55	
EPA 8270 by SIM	1-Methylnaphthalene	111	ug/kg	15.0	07/18/17 02:55	
EPA 8270 by SIM	2-Methylnaphthalene	140	ug/kg	18.7	07/18/17 02:55	
EPA 8270 by SIM	Naphthalene	104	ug/kg	31.5	07/18/17 02:55	
EPA 8270 by SIM	Phenanthrene	196	ug/kg	43.5	07/18/17 02:55	
EPA 8270 by SIM	Pyrene	175	ug/kg	16.8	07/18/17 02:55	
EPA 8260	Toluene	56.4J	ug/kg	67.1	07/11/17 08:57	
ASTM D2974-87	Percent Moisture	10.6	%	0.10	07/13/17 15:59	
<b>40152905007</b>	<b>B-14B 12-14</b>					
EPA 8270 by SIM	Acenaphthene	10.9J	ug/kg	32.4	07/17/17 18:32	
EPA 8270 by SIM	Acenaphthylene	182	ug/kg	27.7	07/17/17 18:32	
EPA 8270 by SIM	Anthracene	274	ug/kg	47.8	07/17/17 18:32	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152905007</b>	<b>B-14B 12-14</b>					
EPA 8270 by SIM	Benzo(a)anthracene	972	ug/kg	26.7	07/17/17 18:32	
EPA 8270 by SIM	Benzo(a)pyrene	1210	ug/kg	21.1	07/17/17 18:32	
EPA 8270 by SIM	Benzo(b)fluoranthene	928	ug/kg	23.7	07/17/17 18:32	
EPA 8270 by SIM	Benzo(g,h,i)perylene	833	ug/kg	17.0	07/17/17 18:32	
EPA 8270 by SIM	Benzo(k)fluoranthene	1080	ug/kg	21.0	07/17/17 18:32	
EPA 8270 by SIM	Chrysene	1030	ug/kg	28.2	07/17/17 18:32	
EPA 8270 by SIM	Dibenz(a,h)anthracene	305	ug/kg	18.7	07/17/17 18:32	
EPA 8270 by SIM	Fluoranthene	1310	ug/kg	43.8	07/17/17 18:32	
EPA 8270 by SIM	Fluorene	90.9	ug/kg	34.7	07/17/17 18:32	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	752	ug/kg	18.4	07/17/17 18:32	
EPA 8270 by SIM	1-Methylnaphthalene	49.7	ug/kg	33.7	07/17/17 18:32	
EPA 8270 by SIM	2-Methylnaphthalene	90.9	ug/kg	42.0	07/17/17 18:32	
EPA 8270 by SIM	Naphthalene	622	ug/kg	70.7	07/17/17 18:32	
EPA 8270 by SIM	Phenanthrene	809	ug/kg	97.6	07/17/17 18:32	
EPA 8270 by SIM	Pyrene	981	ug/kg	37.7	07/17/17 18:32	
EPA 8260	Naphthalene	158J	ug/kg	315	07/11/17 09:21	
ASTM D2974-87	Percent Moisture	20.5	%	0.10	07/13/17 15:59	
<b>40152905008</b>	<b>B-14B 14-16</b>					
EPA 8270 by SIM	Acenaphthene	63.1	ug/kg	16.3	07/17/17 19:24	
EPA 8270 by SIM	Acenaphthylene	8.4J	ug/kg	13.9	07/17/17 19:24	
EPA 8270 by SIM	Anthracene	153	ug/kg	24.0	07/17/17 19:24	
EPA 8270 by SIM	Benzo(a)anthracene	182	ug/kg	13.4	07/17/17 19:24	
EPA 8270 by SIM	Benzo(a)pyrene	188	ug/kg	10.6	07/17/17 19:24	
EPA 8270 by SIM	Benzo(b)fluoranthene	160	ug/kg	11.9	07/17/17 19:24	
EPA 8270 by SIM	Benzo(g,h,i)perylene	124	ug/kg	8.6	07/17/17 19:24	
EPA 8270 by SIM	Benzo(k)fluoranthene	138	ug/kg	10.6	07/17/17 19:24	
EPA 8270 by SIM	Chrysene	208	ug/kg	14.2	07/17/17 19:24	
EPA 8270 by SIM	Dibenz(a,h)anthracene	41.9	ug/kg	9.4	07/17/17 19:24	
EPA 8270 by SIM	Fluoranthene	497	ug/kg	22.0	07/17/17 19:24	
EPA 8270 by SIM	Fluorene	72.2	ug/kg	17.4	07/17/17 19:24	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	107	ug/kg	9.3	07/17/17 19:24	
EPA 8270 by SIM	1-Methylnaphthalene	32.5	ug/kg	16.9	07/17/17 19:24	
EPA 8270 by SIM	2-Methylnaphthalene	39.3	ug/kg	21.1	07/17/17 19:24	
EPA 8270 by SIM	Naphthalene	73.1	ug/kg	35.5	07/17/17 19:24	
EPA 8270 by SIM	Phenanthrene	521	ug/kg	49.0	07/17/17 19:24	
EPA 8270 by SIM	Pyrene	443	ug/kg	19.0	07/17/17 19:24	
EPA 8260	Naphthalene	57.0J	ug/kg	317	07/11/17 00:23	
EPA 8260	Toluene	33.3J	ug/kg	76.0	07/11/17 00:23	
ASTM D2974-87	Percent Moisture	21.0	%	0.10	07/13/17 15:59	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

**Sample: B-14A 2-4**      **Lab ID: 40152905001**      Collected: 07/03/17 10:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>12.2J</b>	ug/kg	28.4	8.6	1	07/13/17 10:12	07/17/17 19:07	83-32-9	
Acenaphthylene	<b>16.8J</b>	ug/kg	24.3	7.3	1	07/13/17 10:12	07/17/17 19:07	208-96-8	
Anthracene	<b>45.1</b>	ug/kg	41.9	12.6	1	07/13/17 10:12	07/17/17 19:07	120-12-7	
Benzo(a)anthracene	<b>93.8</b>	ug/kg	23.4	7.0	1	07/13/17 10:12	07/17/17 19:07	56-55-3	
Benzo(a)pyrene	<b>107</b>	ug/kg	18.5	5.5	1	07/13/17 10:12	07/17/17 19:07	50-32-8	
Benzo(b)fluoranthene	<b>126</b>	ug/kg	20.8	6.2	1	07/13/17 10:12	07/17/17 19:07	205-99-2	
Benzo(g,h,i)perylene	<b>109</b>	ug/kg	14.9	4.5	1	07/13/17 10:12	07/17/17 19:07	191-24-2	
Benzo(k)fluoranthene	<b>102</b>	ug/kg	18.4	5.5	1	07/13/17 10:12	07/17/17 19:07	207-08-9	
Chrysene	<b>128</b>	ug/kg	24.7	7.4	1	07/13/17 10:12	07/17/17 19:07	218-01-9	
Dibenz(a,h)anthracene	<b>33.7</b>	ug/kg	16.4	4.9	1	07/13/17 10:12	07/17/17 19:07	53-70-3	
Fluoranthene	<b>149</b>	ug/kg	38.4	11.5	1	07/13/17 10:12	07/17/17 19:07	206-44-0	
Fluorene	<b>10.9J</b>	ug/kg	30.4	9.1	1	07/13/17 10:12	07/17/17 19:07	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>82.1</b>	ug/kg	16.2	4.8	1	07/13/17 10:12	07/17/17 19:07	193-39-5	
1-Methylnaphthalene	<b>199</b>	ug/kg	29.6	8.9	1	07/13/17 10:12	07/17/17 19:07	90-12-0	
2-Methylnaphthalene	<b>241</b>	ug/kg	36.8	11.0	1	07/13/17 10:12	07/17/17 19:07	91-57-6	
Naphthalene	<b>185</b>	ug/kg	62.0	18.6	1	07/13/17 10:12	07/17/17 19:07	91-20-3	
Phenanthrene	<b>287</b>	ug/kg	85.6	25.7	1	07/13/17 10:12	07/17/17 19:07	85-01-8	
Pyrene	<b>148</b>	ug/kg	33.1	10	1	07/13/17 10:12	07/17/17 19:07	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	56	%	19-96		1	07/13/17 10:12	07/17/17 19:07	321-60-8	
Terphenyl-d14 (S)	59	%	31-98		1	07/13/17 10:12	07/17/17 19:07	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>55.1J</b>	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	71-43-2	
Bromobenzene	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	108-86-1	W
Bromochloromethane	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	74-97-5	W
Bromodichloromethane	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	75-27-4	W
Bromoform	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	75-25-2	W
Bromomethane	<b>&lt;76.0</b>	ug/kg	272	76.0	1	07/10/17 11:00	07/11/17 01:33	74-83-9	W
n-Butylbenzene	<b>50.4J</b>	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	104-51-8	
sec-Butylbenzene	<b>53.2J</b>	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	135-98-8	
tert-Butylbenzene	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	98-06-6	W
Carbon tetrachloride	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	56-23-5	W
Chlorobenzene	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	108-90-7	W
Chloroethane	<b>&lt;72.8</b>	ug/kg	272	72.8	1	07/10/17 11:00	07/11/17 01:33	75-00-3	W
Chloroform	<b>&lt;50.5</b>	ug/kg	272	50.5	1	07/10/17 11:00	07/11/17 01:33	67-66-3	W
Chloromethane	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	74-87-3	W
2-Chlorotoluene	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	95-49-8	W
4-Chlorotoluene	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;99.2</b>	ug/kg	272	99.2	1	07/10/17 11:00	07/11/17 01:33	96-12-8	W
Dibromochloromethane	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	106-93-4	W
Dibromomethane	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;27.2</b>	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

**Sample: B-14A 2-4**      **Lab ID: 40152905001**      Collected: 07/03/17 10:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	106-46-7	W
Dichlorodifluoromethane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	75-71-8	W
1,1-Dichloroethane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	75-34-3	W
1,2-Dichloroethane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	107-06-2	W
1,1-Dichloroethene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	75-35-4	W
cis-1,2-Dichloroethene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	156-59-2	W
trans-1,2-Dichloroethene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	156-60-5	W
1,2-Dichloropropane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	78-87-5	W
1,3-Dichloropropane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	142-28-9	W
2,2-Dichloropropane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	594-20-7	W
1,1-Dichloropropene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	563-58-6	W
cis-1,3-Dichloropropene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	10061-01-5	W
trans-1,3-Dichloropropene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	10061-02-6	W
Diisopropyl ether	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	108-20-3	W
Ethylbenzene	48.9J	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	100-41-4	
Hexachloro-1,3-butadiene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	87-68-3	W
Isopropylbenzene (Cumene)	52.6J	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	98-82-8	
p-Isopropyltoluene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	99-87-6	W
Methylene Chloride	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	75-09-2	W
Methyl-tert-butyl ether	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	1634-04-4	W
Naphthalene	166J	ug/kg	303	48.6	1	07/10/17 11:00	07/11/17 01:33	91-20-3	
n-Propylbenzene	56.8J	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	103-65-1	
Styrene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	100-42-5	W
1,1,1,2-Tetrachloroethane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	79-34-5	W
Tetrachloroethene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	127-18-4	W
Toluene	230	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	108-88-3	
1,2,3-Trichlorobenzene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	87-61-6	W
1,2,4-Trichlorobenzene	<51.7	ug/kg	272	51.7	1	07/10/17 11:00	07/11/17 01:33	120-82-1	L2,W
1,1,1-Trichloroethane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	71-55-6	W
1,1,2-Trichloroethane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	79-00-5	W
Trichloroethene	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	79-01-6	W
Trichlorofluoromethane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	75-69-4	W
1,2,3-Trichloropropane	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	96-18-4	W
1,2,4-Trimethylbenzene	138	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	95-63-6	
1,3,5-Trimethylbenzene	71.7J	ug/kg	72.8	30.3	1	07/10/17 11:00	07/11/17 01:33	108-67-8	
Vinyl chloride	<27.2	ug/kg	65.2	27.2	1	07/10/17 11:00	07/11/17 01:33	75-01-4	W
Xylene (Total)	316	ug/kg	218	91.0	1	07/10/17 11:00	07/11/17 01:33	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	125	%	68-130		1	07/10/17 11:00	07/11/17 01:33	1868-53-7	
Toluene-d8 (S)	118	%	68-149		1	07/10/17 11:00	07/11/17 01:33	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	07/10/17 11:00	07/11/17 01:33	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	10.4	%	0.10	0.10	1		07/13/17 15:58		
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

**Sample: B-14A 4-6**      **Lab ID: 40152905002**      Collected: 07/03/17 10:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>52.9J</b>	ug/kg	77.9	23.4	5	07/13/17 10:12	07/17/17 19:41	83-32-9	
Acenaphthylene	<b>65.7J</b>	ug/kg	66.4	19.9	5	07/13/17 10:12	07/17/17 19:41	208-96-8	
Anthracene	<b>166</b>	ug/kg	115	34.5	5	07/13/17 10:12	07/17/17 19:41	120-12-7	
Benzo(a)anthracene	<b>331</b>	ug/kg	64.0	19.1	5	07/13/17 10:12	07/17/17 19:41	56-55-3	
Benzo(a)pyrene	<b>331</b>	ug/kg	50.5	15.2	5	07/13/17 10:12	07/17/17 19:41	50-32-8	
Benzo(b)fluoranthene	<b>317</b>	ug/kg	56.8	17.0	5	07/13/17 10:12	07/17/17 19:41	205-99-2	
Benzo(g,h,i)perylene	<b>272</b>	ug/kg	40.9	12.3	5	07/13/17 10:12	07/17/17 19:41	191-24-2	
Benzo(k)fluoranthene	<b>304</b>	ug/kg	50.5	15.1	5	07/13/17 10:12	07/17/17 19:41	207-08-9	
Chrysene	<b>411</b>	ug/kg	67.6	20.4	5	07/13/17 10:12	07/17/17 19:41	218-01-9	
Dibenz(a,h)anthracene	<b>95.3</b>	ug/kg	45.0	13.5	5	07/13/17 10:12	07/17/17 19:41	53-70-3	
Fluoranthene	<b>653</b>	ug/kg	105	31.4	5	07/13/17 10:12	07/17/17 19:41	206-44-0	
Fluorene	<b>89.2</b>	ug/kg	83.3	25.0	5	07/13/17 10:12	07/17/17 19:41	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>222</b>	ug/kg	44.2	13.3	5	07/13/17 10:12	07/17/17 19:41	193-39-5	
1-Methylnaphthalene	<b>1370</b>	ug/kg	80.9	24.3	5	07/13/17 10:12	07/17/17 19:41	90-12-0	
2-Methylnaphthalene	<b>1690</b>	ug/kg	101	30.2	5	07/13/17 10:12	07/17/17 19:41	91-57-6	
Naphthalene	<b>1260</b>	ug/kg	170	50.8	5	07/13/17 10:12	07/17/17 19:41	91-20-3	
Phenanthrene	<b>1200</b>	ug/kg	234	70.3	5	07/13/17 10:12	07/17/17 19:41	85-01-8	
Pyrene	<b>600</b>	ug/kg	90.5	27.2	5	07/13/17 10:12	07/17/17 19:41	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	54	%	19-96		5	07/13/17 10:12	07/17/17 19:41	321-60-8	
Terphenyl-d14 (S)	57	%	31-98		5	07/13/17 10:12	07/17/17 19:41	1718-51-0	

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	71-43-2	W
Bromobenzene	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	108-86-1	W
Bromochloromethane	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	74-97-5	W
Bromodichloromethane	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	75-27-4	W
Bromoform	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	75-25-2	W
Bromomethane	< <b>78.5</b>	ug/kg	281	78.5	1	07/10/17 11:00	07/11/17 03:28	74-83-9	W
n-Butylbenzene	<b>42.6J</b>	ug/kg	81.5	34.0	1	07/10/17 11:00	07/11/17 03:28	104-51-8	
sec-Butylbenzene	<b>34.4J</b>	ug/kg	81.5	34.0	1	07/10/17 11:00	07/11/17 03:28	135-98-8	
tert-Butylbenzene	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	98-06-6	W
Carbon tetrachloride	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	56-23-5	W
Chlorobenzene	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	108-90-7	W
Chloroethane	< <b>75.3</b>	ug/kg	281	75.3	1	07/10/17 11:00	07/11/17 03:28	75-00-3	W
Chloroform	< <b>52.2</b>	ug/kg	281	52.2	1	07/10/17 11:00	07/11/17 03:28	67-66-3	W
Chloromethane	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	74-87-3	W
2-Chlorotoluene	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	95-49-8	W
4-Chlorotoluene	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	106-43-4	W
1,2-Dibromo-3-chloropropane	< <b>103</b>	ug/kg	281	103	1	07/10/17 11:00	07/11/17 03:28	96-12-8	W
Dibromochloromethane	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	124-48-1	W
1,2-Dibromoethane (EDB)	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	106-93-4	W
Dibromomethane	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	74-95-3	W
1,2-Dichlorobenzene	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	95-50-1	W
1,3-Dichlorobenzene	< <b>28.1</b>	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

**Sample: B-14A 4-6**      **Lab ID: 40152905002**      Collected: 07/03/17 10:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	106-46-7	W
Dichlorodifluoromethane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	75-71-8	W
1,1-Dichloroethane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	75-34-3	W
1,2-Dichloroethane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	107-06-2	W
1,1-Dichloroethene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	75-35-4	W
cis-1,2-Dichloroethene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	156-59-2	W
trans-1,2-Dichloroethene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	156-60-5	W
1,2-Dichloropropane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	78-87-5	W
1,3-Dichloropropane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	142-28-9	W
2,2-Dichloropropane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	594-20-7	W
1,1-Dichloropropene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	563-58-6	W
cis-1,3-Dichloropropene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	10061-01-5	W
trans-1,3-Dichloropropene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	10061-02-6	W
Diisopropyl ether	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	108-20-3	W
Ethylbenzene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	100-41-4	W
Hexachloro-1,3-butadiene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	87-68-3	W
Isopropylbenzene (Cumene)	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	98-82-8	W
p-Isopropyltoluene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	99-87-6	W
Methylene Chloride	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	75-09-2	W
Methyl-tert-butyl ether	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	1634-04-4	W
Naphthalene	119J	ug/kg	340	54.4	1	07/10/17 11:00	07/11/17 03:28	91-20-3	
n-Propylbenzene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	103-65-1	W
Styrene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	100-42-5	W
1,1,1,2-Tetrachloroethane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	79-34-5	W
Tetrachloroethene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	127-18-4	W
Toluene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	108-88-3	W
1,2,3-Trichlorobenzene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	87-61-6	W
1,2,4-Trichlorobenzene	<53.4	ug/kg	281	53.4	1	07/10/17 11:00	07/11/17 03:28	120-82-1	L2,W
1,1,1-Trichloroethane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	71-55-6	W
1,1,2-Trichloroethane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	79-00-5	W
Trichloroethene	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	79-01-6	W
Trichlorofluoromethane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	75-69-4	W
1,2,3-Trichloropropane	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	96-18-4	W
1,2,4-Trimethylbenzene	60.8J	ug/kg	81.5	34.0	1	07/10/17 11:00	07/11/17 03:28	95-63-6	
1,3,5-Trimethylbenzene	43.1J	ug/kg	81.5	34.0	1	07/10/17 11:00	07/11/17 03:28	108-67-8	
Vinyl chloride	<28.1	ug/kg	67.4	28.1	1	07/10/17 11:00	07/11/17 03:28	75-01-4	W
Xylene (Total)	134J	ug/kg	245	102	1	07/10/17 11:00	07/11/17 03:28	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	106	%	68-130		1	07/10/17 11:00	07/11/17 03:28	1868-53-7	
Toluene-d8 (S)	95	%	68-149		1	07/10/17 11:00	07/11/17 03:28	2037-26-5	
4-Bromofluorobenzene (S)	86	%	58-141		1	07/10/17 11:00	07/11/17 03:28	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	17.3	%	0.10	0.10	1		07/13/17 15:58		
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

Sample: B-14A 10-12 Lab ID: 40152905003 Collected: 07/03/17 10:50 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	19.1J	ug/kg	30.2	9.1	2	07/13/17 10:12	07/17/17 18:49	83-32-9	
Acenaphthylene	<7.7	ug/kg	25.7	7.7	2	07/13/17 10:12	07/17/17 18:49	208-96-8	
Anthracene	40.9J	ug/kg	44.4	13.4	2	07/13/17 10:12	07/17/17 18:49	120-12-7	
Benzo(a)anthracene	644	ug/kg	24.8	7.4	2	07/13/17 10:12	07/17/17 18:49	56-55-3	
Benzo(a)pyrene	912	ug/kg	19.6	5.9	2	07/13/17 10:12	07/17/17 18:49	50-32-8	
Benzo(b)fluoranthene	1150	ug/kg	22.0	6.6	2	07/13/17 10:12	07/17/17 18:49	205-99-2	
Benzo(g,h,i)perylene	1040	ug/kg	15.8	4.8	2	07/13/17 10:12	07/17/17 18:49	191-24-2	
Benzo(k)fluoranthene	1080	ug/kg	19.5	5.9	2	07/13/17 10:12	07/17/17 18:49	207-08-9	
Chrysene	1080	ug/kg	26.2	7.9	2	07/13/17 10:12	07/17/17 18:49	218-01-9	
Dibenz(a,h)anthracene	357	ug/kg	17.4	5.2	2	07/13/17 10:12	07/17/17 18:49	53-70-3	
Fluoranthene	1030	ug/kg	40.7	12.2	2	07/13/17 10:12	07/17/17 18:49	206-44-0	
Fluorene	11.4J	ug/kg	32.3	9.7	2	07/13/17 10:12	07/17/17 18:49	86-73-7	
Indeno(1,2,3-cd)pyrene	820	ug/kg	17.1	5.1	2	07/13/17 10:12	07/17/17 18:49	193-39-5	
1-Methylnaphthalene	48.2	ug/kg	31.3	9.4	2	07/13/17 10:12	07/17/17 18:49	90-12-0	
2-Methylnaphthalene	62.7	ug/kg	39.0	11.7	2	07/13/17 10:12	07/17/17 18:49	91-57-6	
Naphthalene	64.3J	ug/kg	65.7	19.7	2	07/13/17 10:12	07/17/17 18:49	91-20-3	
Phenanthrene	268	ug/kg	90.7	27.2	2	07/13/17 10:12	07/17/17 18:49	85-01-8	
Pyrene	774	ug/kg	35.1	10.5	2	07/13/17 10:12	07/17/17 18:49	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	55	%	19-96		2	07/13/17 10:12	07/17/17 18:49	321-60-8	
Terphenyl-d14 (S)	60	%	31-98		2	07/13/17 10:12	07/17/17 18:49	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 11:00	07/11/17 01:56	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 11:00	07/11/17 01:56	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 11:00	07/11/17 01:56	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 11:00	07/11/17 01:56	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

Sample: B-14A 10-12 Lab ID: 40152905003 Collected: 07/03/17 10:50 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 11:00	07/11/17 01:56	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 11:00	07/11/17 01:56	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 01:56	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 11:00	07/11/17 01:56	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	07/10/17 11:00	07/11/17 01:56	1868-53-7	
Toluene-d8 (S)	96	%	68-149		1	07/10/17 11:00	07/11/17 01:56	2037-26-5	
4-Bromofluorobenzene (S)	85	%	58-141		1	07/10/17 11:00	07/11/17 01:56	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	14.5	%	0.10	0.10	1		07/13/17 15:59		
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

**Sample: B-14A 14-16**      **Lab ID: 40152905004**      Collected: 07/03/17 10:55      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>24.5J</b>	ug/kg	34.5	10.4	2	07/13/17 10:12	07/17/17 18:15	83-32-9	
Acenaphthylene	<b>&lt;8.8</b>	ug/kg	29.4	8.8	2	07/13/17 10:12	07/17/17 18:15	208-96-8	
Anthracene	<b>71.3</b>	ug/kg	50.9	15.3	2	07/13/17 10:12	07/17/17 18:15	120-12-7	
Benzo(a)anthracene	<b>487</b>	ug/kg	28.4	8.5	2	07/13/17 10:12	07/17/17 18:15	56-55-3	
Benzo(a)pyrene	<b>625</b>	ug/kg	22.4	6.7	2	07/13/17 10:12	07/17/17 18:15	50-32-8	
Benzo(b)fluoranthene	<b>605</b>	ug/kg	25.2	7.6	2	07/13/17 10:12	07/17/17 18:15	205-99-2	
Benzo(g,h,i)perylene	<b>496</b>	ug/kg	18.1	5.4	2	07/13/17 10:12	07/17/17 18:15	191-24-2	
Benzo(k)fluoranthene	<b>588</b>	ug/kg	22.4	6.7	2	07/13/17 10:12	07/17/17 18:15	207-08-9	
Chrysene	<b>719</b>	ug/kg	30.0	9.0	2	07/13/17 10:12	07/17/17 18:15	218-01-9	
Dibenz(a,h)anthracene	<b>167</b>	ug/kg	19.9	6.0	2	07/13/17 10:12	07/17/17 18:15	53-70-3	
Fluoranthene	<b>845</b>	ug/kg	46.6	13.9	2	07/13/17 10:12	07/17/17 18:15	206-44-0	
Fluorene	<b>11.7J</b>	ug/kg	36.9	11.1	2	07/13/17 10:12	07/17/17 18:15	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>411</b>	ug/kg	19.6	5.9	2	07/13/17 10:12	07/17/17 18:15	193-39-5	
1-Methylnaphthalene	<b>19.3J</b>	ug/kg	35.9	10.8	2	07/13/17 10:12	07/17/17 18:15	90-12-0	
2-Methylnaphthalene	<b>25.0J</b>	ug/kg	44.7	13.4	2	07/13/17 10:12	07/17/17 18:15	91-57-6	
Naphthalene	<b>34.8J</b>	ug/kg	75.2	22.5	2	07/13/17 10:12	07/17/17 18:15	91-20-3	
Phenanthrene	<b>407</b>	ug/kg	104	31.2	2	07/13/17 10:12	07/17/17 18:15	85-01-8	
Pyrene	<b>698</b>	ug/kg	40.1	12.1	2	07/13/17 10:12	07/17/17 18:15	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	19-96		2	07/13/17 10:12	07/17/17 18:15	321-60-8	
Terphenyl-d14 (S)	56	%	31-98		2	07/13/17 10:12	07/17/17 18:15	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 11:00	07/11/17 02:19	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 11:00	07/11/17 02:19	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 11:00	07/11/17 02:19	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 11:00	07/11/17 02:19	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	106-93-4	W
Dibromomethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

**Sample: B-14A 14-16**      **Lab ID: 40152905004**      Collected: 07/03/17 10:55      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 11:00	07/11/17 02:19	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 11:00	07/11/17 02:19	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 02:19	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 11:00	07/11/17 02:19	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	120	%	68-130		1	07/10/17 11:00	07/11/17 02:19	1868-53-7	
Toluene-d8 (S)	105	%	68-149		1	07/10/17 11:00	07/11/17 02:19	2037-26-5	
4-Bromofluorobenzene (S)	94	%	58-141		1	07/10/17 11:00	07/11/17 02:19	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>25.3</b>	%	0.10	0.10	1		07/13/17 15:59		
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

**Sample: B-14B 2-4**      **Lab ID: 40152905005**      Collected: 07/03/17 09:25      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>223</b>	ug/kg	71.5	21.5	5	07/13/17 10:12	07/17/17 19:59	83-32-9	
Acenaphthylene	<b>43.8J</b>	ug/kg	61.0	18.3	5	07/13/17 10:12	07/17/17 19:59	208-96-8	
Anthracene	<b>528</b>	ug/kg	105	31.7	5	07/13/17 10:12	07/17/17 19:59	120-12-7	
Benzo(a)anthracene	<b>502</b>	ug/kg	58.8	17.6	5	07/13/17 10:12	07/17/17 19:59	56-55-3	
Benzo(a)pyrene	<b>381</b>	ug/kg	46.4	13.9	5	07/13/17 10:12	07/17/17 19:59	50-32-8	
Benzo(b)fluoranthene	<b>276</b>	ug/kg	52.2	15.7	5	07/13/17 10:12	07/17/17 19:59	205-99-2	
Benzo(g,h,i)perylene	<b>195</b>	ug/kg	37.5	11.3	5	07/13/17 10:12	07/17/17 19:59	191-24-2	
Benzo(k)fluoranthene	<b>372</b>	ug/kg	46.4	13.9	5	07/13/17 10:12	07/17/17 19:59	207-08-9	
Chrysene	<b>515</b>	ug/kg	62.1	18.7	5	07/13/17 10:12	07/17/17 19:59	218-01-9	
Dibenz(a,h)anthracene	<b>87.8</b>	ug/kg	41.3	12.4	5	07/13/17 10:12	07/17/17 19:59	53-70-3	
Fluoranthene	<b>1270</b>	ug/kg	96.5	28.9	5	07/13/17 10:12	07/17/17 19:59	206-44-0	
Fluorene	<b>242</b>	ug/kg	76.5	23.0	5	07/13/17 10:12	07/17/17 19:59	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>195</b>	ug/kg	40.7	12.2	5	07/13/17 10:12	07/17/17 19:59	193-39-5	
1-Methylnaphthalene	<b>132</b>	ug/kg	74.3	22.3	5	07/13/17 10:12	07/17/17 19:59	90-12-0	
2-Methylnaphthalene	<b>164</b>	ug/kg	92.6	27.7	5	07/13/17 10:12	07/17/17 19:59	91-57-6	
Naphthalene	<b>149J</b>	ug/kg	156	46.7	5	07/13/17 10:12	07/17/17 19:59	91-20-3	
Phenanthrene	<b>1840</b>	ug/kg	215	64.6	5	07/13/17 10:12	07/17/17 19:59	85-01-8	
Pyrene	<b>1010</b>	ug/kg	83.2	25.0	5	07/13/17 10:12	07/17/17 19:59	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	54	%	19-96		5	07/13/17 10:12	07/17/17 19:59	321-60-8	
Terphenyl-d14 (S)	53	%	31-98		5	07/13/17 10:12	07/17/17 19:59	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	75-25-2	W
Bromomethane	< <b>69.9</b>	ug/kg	250	69.9	1	07/10/17 11:00	07/11/17 08:34	74-83-9	W
n-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	104-51-8	W
sec-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	135-98-8	W
tert-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	98-06-6	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	108-90-7	W
Chloroethane	< <b>67.0</b>	ug/kg	250	67.0	1	07/10/17 11:00	07/11/17 08:34	75-00-3	W
Chloroform	< <b>46.4</b>	ug/kg	250	46.4	1	07/10/17 11:00	07/11/17 08:34	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	74-87-3	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	106-43-4	W
1,2-Dibromo-3-chloropropane	< <b>91.2</b>	ug/kg	250	91.2	1	07/10/17 11:00	07/11/17 08:34	96-12-8	W
Dibromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	124-48-1	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	106-93-4	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	74-95-3	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	95-50-1	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

**Sample: B-14B 2-4**      **Lab ID: 40152905005**      Collected: 07/03/17 09:25      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 11:00	07/11/17 08:34	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 11:00	07/11/17 08:34	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:34	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 11:00	07/11/17 08:34	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	97	%	68-130		1	07/10/17 11:00	07/11/17 08:34	1868-53-7	
Toluene-d8 (S)	100	%	68-149		1	07/10/17 11:00	07/11/17 08:34	2037-26-5	
4-Bromofluorobenzene (S)	87	%	58-141		1	07/10/17 11:00	07/11/17 08:34	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>10.1</b>	%	0.10	0.10	1		07/13/17 15:59		
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

**Sample: B-14B 8-10**      **Lab ID: 40152905006**      Collected: 07/03/17 09:30      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	7.0J	ug/kg	14.5	4.3	1	07/13/17 10:12	07/18/17 02:55	83-32-9	
Acenaphthylene	11.7J	ug/kg	12.3	3.7	1	07/13/17 10:12	07/18/17 02:55	208-96-8	
Anthracene	30.9	ug/kg	21.3	6.4	1	07/13/17 10:12	07/18/17 02:55	120-12-7	
Benzo(a)anthracene	103	ug/kg	11.9	3.6	1	07/13/17 10:12	07/18/17 02:55	56-55-3	
Benzo(a)pyrene	113	ug/kg	9.4	2.8	1	07/13/17 10:12	07/18/17 02:55	50-32-8	
Benzo(b)fluoranthene	132	ug/kg	10.5	3.2	1	07/13/17 10:12	07/18/17 02:55	205-99-2	
Benzo(g,h,i)perylene	94.1	ug/kg	7.6	2.3	1	07/13/17 10:12	07/18/17 02:55	191-24-2	
Benzo(k)fluoranthene	120	ug/kg	9.4	2.8	1	07/13/17 10:12	07/18/17 02:55	207-08-9	
Chrysene	140	ug/kg	12.5	3.8	1	07/13/17 10:12	07/18/17 02:55	218-01-9	
Dibenz(a,h)anthracene	34.0	ug/kg	8.3	2.5	1	07/13/17 10:12	07/18/17 02:55	53-70-3	
Fluoranthene	186	ug/kg	19.5	5.8	1	07/13/17 10:12	07/18/17 02:55	206-44-0	
Fluorene	8.7J	ug/kg	15.5	4.6	1	07/13/17 10:12	07/18/17 02:55	86-73-7	
Indeno(1,2,3-cd)pyrene	82.0	ug/kg	8.2	2.5	1	07/13/17 10:12	07/18/17 02:55	193-39-5	
1-Methylnaphthalene	111	ug/kg	15.0	4.5	1	07/13/17 10:12	07/18/17 02:55	90-12-0	
2-Methylnaphthalene	140	ug/kg	18.7	5.6	1	07/13/17 10:12	07/18/17 02:55	91-57-6	
Naphthalene	104	ug/kg	31.5	9.4	1	07/13/17 10:12	07/18/17 02:55	91-20-3	
Phenanthrene	196	ug/kg	43.5	13.0	1	07/13/17 10:12	07/18/17 02:55	85-01-8	
Pyrene	175	ug/kg	16.8	5.1	1	07/13/17 10:12	07/18/17 02:55	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	65	%	19-96		1	07/13/17 10:12	07/18/17 02:55	321-60-8	
Terphenyl-d14 (S)	72	%	31-98		1	07/13/17 10:12	07/18/17 02:55	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 11:00	07/11/17 08:57	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 11:00	07/11/17 08:57	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 11:00	07/11/17 08:57	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 11:00	07/11/17 08:57	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

**Sample: B-14B 8-10**      **Lab ID: 40152905006**      Collected: 07/03/17 09:30      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 11:00	07/11/17 08:57	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	127-18-4	W
Toluene	56.4J	ug/kg	67.1	28.0	1	07/10/17 11:00	07/11/17 08:57	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 11:00	07/11/17 08:57	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 08:57	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 11:00	07/11/17 08:57	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	129	%	68-130		1	07/10/17 11:00	07/11/17 08:57	1868-53-7	
Toluene-d8 (S)	119	%	68-149		1	07/10/17 11:00	07/11/17 08:57	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	07/10/17 11:00	07/11/17 08:57	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	10.6	%	0.10	0.10	1		07/13/17 15:59		
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

**Sample: B-14B 12-14**      **Lab ID: 40152905007**      Collected: 07/03/17 09:35      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>10.9J</b>	ug/kg	32.4	9.8	2	07/13/17 10:12	07/17/17 18:32	83-32-9	
Acenaphthylene	<b>182</b>	ug/kg	27.7	8.3	2	07/13/17 10:12	07/17/17 18:32	208-96-8	
Anthracene	<b>274</b>	ug/kg	47.8	14.4	2	07/13/17 10:12	07/17/17 18:32	120-12-7	
Benzo(a)anthracene	<b>972</b>	ug/kg	26.7	8.0	2	07/13/17 10:12	07/17/17 18:32	56-55-3	
Benzo(a)pyrene	<b>1210</b>	ug/kg	21.1	6.3	2	07/13/17 10:12	07/17/17 18:32	50-32-8	
Benzo(b)fluoranthene	<b>928</b>	ug/kg	23.7	7.1	2	07/13/17 10:12	07/17/17 18:32	205-99-2	
Benzo(g,h,i)perylene	<b>833</b>	ug/kg	17.0	5.1	2	07/13/17 10:12	07/17/17 18:32	191-24-2	
Benzo(k)fluoranthene	<b>1080</b>	ug/kg	21.0	6.3	2	07/13/17 10:12	07/17/17 18:32	207-08-9	
Chrysene	<b>1030</b>	ug/kg	28.2	8.5	2	07/13/17 10:12	07/17/17 18:32	218-01-9	
Dibenz(a,h)anthracene	<b>305</b>	ug/kg	18.7	5.6	2	07/13/17 10:12	07/17/17 18:32	53-70-3	
Fluoranthene	<b>1310</b>	ug/kg	43.8	13.1	2	07/13/17 10:12	07/17/17 18:32	206-44-0	
Fluorene	<b>90.9</b>	ug/kg	34.7	10.4	2	07/13/17 10:12	07/17/17 18:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>752</b>	ug/kg	18.4	5.5	2	07/13/17 10:12	07/17/17 18:32	193-39-5	
1-Methylnaphthalene	<b>49.7</b>	ug/kg	33.7	10.1	2	07/13/17 10:12	07/17/17 18:32	90-12-0	
2-Methylnaphthalene	<b>90.9</b>	ug/kg	42.0	12.6	2	07/13/17 10:12	07/17/17 18:32	91-57-6	
Naphthalene	<b>622</b>	ug/kg	70.7	21.2	2	07/13/17 10:12	07/17/17 18:32	91-20-3	
Phenanthrene	<b>809</b>	ug/kg	97.6	29.3	2	07/13/17 10:12	07/17/17 18:32	85-01-8	
Pyrene	<b>981</b>	ug/kg	37.7	11.3	2	07/13/17 10:12	07/17/17 18:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	19-96		2	07/13/17 10:12	07/17/17 18:32	321-60-8	
Terphenyl-d14 (S)	55	%	31-98		2	07/13/17 10:12	07/17/17 18:32	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 11:00	07/11/17 09:21	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 11:00	07/11/17 09:21	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 11:00	07/11/17 09:21	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 11:00	07/11/17 09:21	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	106-93-4	W
Dibromomethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

**Sample: B-14B 12-14**      **Lab ID: 40152905007**      Collected: 07/03/17 09:35      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	1634-04-4	W
Naphthalene	158J	ug/kg	315	50.4	1	07/10/17 11:00	07/11/17 09:21	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 11:00	07/11/17 09:21	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 09:21	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 11:00	07/11/17 09:21	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	125	%	68-130		1	07/10/17 11:00	07/11/17 09:21	1868-53-7	
Toluene-d8 (S)	118	%	68-149		1	07/10/17 11:00	07/11/17 09:21	2037-26-5	
4-Bromofluorobenzene (S)	102	%	58-141		1	07/10/17 11:00	07/11/17 09:21	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>20.5</b>	%	0.10	0.10	1		07/13/17 15:59		
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

**Sample: B-14B 14-16**      **Lab ID: 40152905008**      Collected: 07/03/17 09:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	63.1	ug/kg	16.3	4.9	1	07/13/17 10:12	07/17/17 19:24	83-32-9	
Acenaphthylene	8.4J	ug/kg	13.9	4.2	1	07/13/17 10:12	07/17/17 19:24	208-96-8	
Anthracene	153	ug/kg	24.0	7.2	1	07/13/17 10:12	07/17/17 19:24	120-12-7	
Benzo(a)anthracene	182	ug/kg	13.4	4.0	1	07/13/17 10:12	07/17/17 19:24	56-55-3	
Benzo(a)pyrene	188	ug/kg	10.6	3.2	1	07/13/17 10:12	07/17/17 19:24	50-32-8	
Benzo(b)fluoranthene	160	ug/kg	11.9	3.6	1	07/13/17 10:12	07/17/17 19:24	205-99-2	
Benzo(g,h,i)perylene	124	ug/kg	8.6	2.6	1	07/13/17 10:12	07/17/17 19:24	191-24-2	
Benzo(k)fluoranthene	138	ug/kg	10.6	3.2	1	07/13/17 10:12	07/17/17 19:24	207-08-9	
Chrysene	208	ug/kg	14.2	4.3	1	07/13/17 10:12	07/17/17 19:24	218-01-9	
Dibenz(a,h)anthracene	41.9	ug/kg	9.4	2.8	1	07/13/17 10:12	07/17/17 19:24	53-70-3	
Fluoranthene	497	ug/kg	22.0	6.6	1	07/13/17 10:12	07/17/17 19:24	206-44-0	
Fluorene	72.2	ug/kg	17.4	5.2	1	07/13/17 10:12	07/17/17 19:24	86-73-7	
Indeno(1,2,3-cd)pyrene	107	ug/kg	9.3	2.8	1	07/13/17 10:12	07/17/17 19:24	193-39-5	
1-Methylnaphthalene	32.5	ug/kg	16.9	5.1	1	07/13/17 10:12	07/17/17 19:24	90-12-0	
2-Methylnaphthalene	39.3	ug/kg	21.1	6.3	1	07/13/17 10:12	07/17/17 19:24	91-57-6	
Naphthalene	73.1	ug/kg	35.5	10.6	1	07/13/17 10:12	07/17/17 19:24	91-20-3	
Phenanthrene	521	ug/kg	49.0	14.7	1	07/13/17 10:12	07/17/17 19:24	85-01-8	
Pyrene	443	ug/kg	19.0	5.7	1	07/13/17 10:12	07/17/17 19:24	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	58	%	19-96		1	07/13/17 10:12	07/17/17 19:24	321-60-8	
Terphenyl-d14 (S)	65	%	31-98		1	07/13/17 10:12	07/17/17 19:24	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 11:00	07/11/17 00:23	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 11:00	07/11/17 00:23	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 11:00	07/11/17 00:23	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 11:00	07/11/17 00:23	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

**Sample: B-14B 14-16**      **Lab ID: 40152905008**      Collected: 07/03/17 09:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	1634-04-4	W
Naphthalene	57.0J	ug/kg	317	50.7	1	07/10/17 11:00	07/11/17 00:23	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	127-18-4	W
Toluene	33.3J	ug/kg	76.0	31.7	1	07/10/17 11:00	07/11/17 00:23	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 11:00	07/11/17 00:23	120-82-1	L2,W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 11:00	07/11/17 00:23	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 11:00	07/11/17 00:23	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	68-130		1	07/10/17 11:00	07/11/17 00:23	1868-53-7	
Toluene-d8 (S)	107	%	68-149		1	07/10/17 11:00	07/11/17 00:23	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	07/10/17 11:00	07/11/17 00:23	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	21.0	%	0.10	0.10	1		07/13/17 15:59		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

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QC Batch: 261067 Analysis Method: EPA 8260  
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
 Associated Lab Samples: 40152905001, 40152905002, 40152905003, 40152905004, 40152905005, 40152905006, 40152905007, 40152905008

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METHOD BLANK: 1537488 Matrix: Solid  
 Associated Lab Samples: 40152905001, 40152905002, 40152905003, 40152905004, 40152905005, 40152905006, 40152905007, 40152905008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/10/17 18:36	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/10/17 18:36	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/10/17 18:36	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/10/17 18:36	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/10/17 18:36	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/10/17 18:36	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/10/17 18:36	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/10/17 18:36	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/10/17 18:36	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/10/17 18:36	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/10/17 18:36	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/10/17 18:36	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/10/17 18:36	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/10/17 18:36	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/10/17 18:36	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/10/17 18:36	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/10/17 18:36	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/10/17 18:36	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/10/17 18:36	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/10/17 18:36	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/10/17 18:36	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/10/17 18:36	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/10/17 18:36	
Benzene	ug/kg	<9.2	20.0	07/10/17 18:36	
Bromobenzene	ug/kg	<20.6	50.0	07/10/17 18:36	
Bromochloromethane	ug/kg	<21.4	50.0	07/10/17 18:36	
Bromodichloromethane	ug/kg	<9.8	50.0	07/10/17 18:36	
Bromoform	ug/kg	<19.8	50.0	07/10/17 18:36	
Bromomethane	ug/kg	<69.9	250	07/10/17 18:36	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/10/17 18:36	
Chlorobenzene	ug/kg	<14.8	50.0	07/10/17 18:36	
Chloroethane	ug/kg	<67.0	250	07/10/17 18:36	
Chloroform	ug/kg	<46.4	250	07/10/17 18:36	
Chloromethane	ug/kg	<20.4	50.0	07/10/17 18:36	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/10/17 18:36	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/10/17 18:36	
Dibromochloromethane	ug/kg	<17.9	50.0	07/10/17 18:36	
Dibromomethane	ug/kg	<19.3	50.0	07/10/17 18:36	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/10/17 18:36	
Diisopropyl ether	ug/kg	<17.7	50.0	07/10/17 18:36	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

METHOD BLANK: 1537488

Matrix: Solid

Associated Lab Samples: 40152905001, 40152905002, 40152905003, 40152905004, 40152905005, 40152905006, 40152905007, 40152905008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	07/10/17 18:36	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/10/17 18:36	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/10/17 18:36	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/10/17 18:36	
Methylene Chloride	ug/kg	<16.2	50.0	07/10/17 18:36	
n-Butylbenzene	ug/kg	<10.5	50.0	07/10/17 18:36	
n-Propylbenzene	ug/kg	<11.6	50.0	07/10/17 18:36	
Naphthalene	ug/kg	<40.0	250	07/10/17 18:36	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/10/17 18:36	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/10/17 18:36	
Styrene	ug/kg	<9.0	50.0	07/10/17 18:36	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/10/17 18:36	
Tetrachloroethene	ug/kg	<12.9	50.0	07/10/17 18:36	
Toluene	ug/kg	<11.2	50.0	07/10/17 18:36	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/10/17 18:36	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/10/17 18:36	
Trichloroethene	ug/kg	<23.6	50.0	07/10/17 18:36	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/10/17 18:36	
Vinyl chloride	ug/kg	<21.1	50.0	07/10/17 18:36	
Xylene (Total)	ug/kg	<48.4	150	07/10/17 18:36	
4-Bromofluorobenzene (S)	%	90	58-141	07/10/17 18:36	
Dibromofluoromethane (S)	%	101	68-130	07/10/17 18:36	
Toluene-d8 (S)	%	107	68-149	07/10/17 18:36	

LABORATORY CONTROL SAMPLE: 1537489

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2870	115	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2140	85	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2770	111	70-130	
1,1-Dichloroethane	ug/kg	2500	2780	111	63-124	
1,1-Dichloroethene	ug/kg	2500	2540	102	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	1940	77	78-130	L2
1,2-Dibromo-3-chloropropane	ug/kg	2500	1740	70	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2510	100	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2270	91	70-130	
1,2-Dichloroethane	ug/kg	2500	3000	120	56-135	
1,2-Dichloropropane	ug/kg	2500	2590	104	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2330	93	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2370	95	70-130	
Benzene	ug/kg	2500	2650	106	66-130	
Bromodichloromethane	ug/kg	2500	2410	96	62-135	
Bromoform	ug/kg	2500	2150	86	68-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

LABORATORY CONTROL SAMPLE: 1537489

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2340	94	29-137	
Carbon tetrachloride	ug/kg	2500	2800	112	57-130	
Chlorobenzene	ug/kg	2500	2800	112	70-130	
Chloroethane	ug/kg	2500	2760	110	36-144	
Chloroform	ug/kg	2500	2850	114	69-115	
Chloromethane	ug/kg	2500	2160	86	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2900	116	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2240	90	70-130	
Dibromochloromethane	ug/kg	2500	2490	100	70-130	
Dichlorodifluoromethane	ug/kg	2500	1620	65	10-99	
Ethylbenzene	ug/kg	2500	2680	107	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2680	107	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2800	112	63-134	
Methylene Chloride	ug/kg	2500	2830	113	56-123	
Styrene	ug/kg	2500	2800	112	70-130	
Tetrachloroethene	ug/kg	2500	2740	109	70-131	
Toluene	ug/kg	2500	2730	109	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2870	115	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2320	93	68-130	
Trichloroethene	ug/kg	2500	2690	108	70-130	
Trichlorofluoromethane	ug/kg	2500	3120	125	37-149	
Vinyl chloride	ug/kg	2500	2390	96	43-128	
Xylene (Total)	ug/kg	7500	7610	101	70-130	
4-Bromofluorobenzene (S)	%			98	58-141	
Dibromofluoromethane (S)	%			114	68-130	
Toluene-d8 (S)	%			106	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537490 1537491

Parameter	Units	40152905008		MSD		MSD		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1580	1580	1570	1680	99	106	57-123	7	20			
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1580	1580	1430	1490	90	94	73-135	4	20			
1,1,2-Trichloroethane	ug/kg	<25.0	1580	1580	1670	1720	106	109	70-130	3	20			
1,1-Dichloroethane	ug/kg	<25.0	1580	1580	1490	1540	94	97	63-124	3	20			
1,1-Dichloroethene	ug/kg	<25.0	1580	1580	1330	1480	84	93	48-117	10	23			
1,2,4-Trichlorobenzene	ug/kg	<47.6	1580	1580	1530	1380	97	87	78-145	11	20			
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1580	1580	1320	1380	83	87	38-168	5	22			
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1580	1580	1500	1420	95	90	70-130	6	20			
1,2-Dichlorobenzene	ug/kg	<25.0	1580	1580	1660	1520	105	96	70-130	9	20			
1,2-Dichloroethane	ug/kg	<25.0	1580	1580	1800	1870	114	118	56-145	4	20			
1,2-Dichloropropane	ug/kg	<25.0	1580	1580	1540	1650	97	104	77-123	7	20			
1,3-Dichlorobenzene	ug/kg	<25.0	1580	1580	1430	1450	91	91	70-130	1	20			
1,4-Dichlorobenzene	ug/kg	<25.0	1580	1580	1690	1650	107	104	70-130	2	20			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152905

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537490		1537491		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40152905008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzene	ug/kg	<25.0	1580	1580	1510	1590	95	101	65-130	6	20		
Bromodichloromethane	ug/kg	<25.0	1580	1580	1370	1510	87	95	59-141	9	20		
Bromoform	ug/kg	<25.0	1580	1580	1470	1380	93	87	59-141	6	20		
Bromomethane	ug/kg	<69.9	1580	1580	1520	1480	96	94	28-139	2	20		
Carbon tetrachloride	ug/kg	<25.0	1580	1580	1490	1580	94	100	50-130	5	20		
Chlorobenzene	ug/kg	<25.0	1580	1580	1770	1620	112	102	70-130	9	20		
Chloroethane	ug/kg	<67.0	1580	1580	1730	1620	109	102	36-144	7	20		
Chloroform	ug/kg	<46.4	1580	1580	1690	1760	107	111	68-122	4	20		
Chloromethane	ug/kg	<25.0	1580	1580	1110	1240	70	78	30-126	10	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1580	1580	1660	1660	105	105	63-130	0	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1580	1580	1300	1360	82	86	70-130	5	20		
Dibromochloromethane	ug/kg	<25.0	1580	1580	1580	1400	100	88	66-136	12	20		
Dichlorodifluoromethane	ug/kg	<25.0	1580	1580	785	968	50	61	10-99	21	33		
Ethylbenzene	ug/kg	<25.0	1580	1580	1520	1470	96	93	80-122	3	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1580	1580	1510	1490	96	94	70-130	1	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1580	1580	1690	1700	107	107	63-134	0	20		
Methylene Chloride	ug/kg	<25.0	1580	1580	1560	1530	99	97	56-127	2	20		
Styrene	ug/kg	<25.0	1580	1580	1700	1620	107	102	70-130	5	20		
Tetrachloroethene	ug/kg	<25.0	1580	1580	1690	1620	107	102	70-131	5	20		
Toluene	ug/kg	33.3J	1580	1580	1600	1680	99	104	80-120	5	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1580	1580	1630	1570	103	99	60-130	4	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1580	1580	1390	1410	88	89	68-130	1	20		
Trichloroethene	ug/kg	<25.0	1580	1580	1550	1690	98	107	70-130	9	20		
Trichlorofluoromethane	ug/kg	<25.0	1580	1580	1300	1490	82	94	37-149	14	24		
Vinyl chloride	ug/kg	<25.0	1580	1580	1170	1130	74	71	39-128	3	20		
Xylene (Total)	ug/kg	<75.0	4750	4750	4890	4570	103	96	70-130	7	20		
4-Bromofluorobenzene (S)	%						98	95	58-141				
Dibromofluoromethane (S)	%						113	111	68-130				
Toluene-d8 (S)	%						107	102	68-149				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

QC Batch: 261370 Analysis Method: EPA 8270 by SIM  
 QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
 Associated Lab Samples: 40152905001, 40152905002, 40152905003, 40152905004, 40152905005, 40152905006, 40152905007, 40152905008

METHOD BLANK: 1538967 Matrix: Solid  
 Associated Lab Samples: 40152905001, 40152905002, 40152905003, 40152905004, 40152905005, 40152905006, 40152905007, 40152905008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/14/17 18:24	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/14/17 18:24	
Acenaphthene	ug/kg	<3.9	12.9	07/14/17 18:24	
Acenaphthylene	ug/kg	<3.3	11.0	07/14/17 18:24	
Anthracene	ug/kg	<5.7	19.0	07/14/17 18:24	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/14/17 18:24	
Benzo(a)pyrene	ug/kg	2.7J	8.4	07/14/17 18:24	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/14/17 18:24	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/14/17 18:24	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	07/14/17 18:24	
Chrysene	ug/kg	<3.4	11.2	07/14/17 18:24	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	07/14/17 18:24	
Fluoranthene	ug/kg	<5.2	17.4	07/14/17 18:24	
Fluorene	ug/kg	<4.1	13.8	07/14/17 18:24	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/14/17 18:24	
Naphthalene	ug/kg	<8.4	28.1	07/14/17 18:24	
Phenanthrene	ug/kg	<11.6	38.8	07/14/17 18:24	
Pyrene	ug/kg	<4.5	15.0	07/14/17 18:24	
2-Fluorobiphenyl (S)	%	66	19-96	07/14/17 18:24	
Terphenyl-d14 (S)	%	87	31-98	07/14/17 18:24	

LABORATORY CONTROL SAMPLE: 1538968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	224	67	49-102	
2-Methylnaphthalene	ug/kg	334	234	70	47-91	
Acenaphthene	ug/kg	334	251	75	52-97	
Acenaphthylene	ug/kg	334	251	75	49-97	
Anthracene	ug/kg	334	265	79	62-101	
Benzo(a)anthracene	ug/kg	334	265	80	53-95	
Benzo(a)pyrene	ug/kg	334	286	86	57-108	
Benzo(b)fluoranthene	ug/kg	334	286	86	53-113	
Benzo(g,h,i)perylene	ug/kg	334	276	83	43-114	
Benzo(k)fluoranthene	ug/kg	334	282	84	66-116	
Chrysene	ug/kg	334	277	83	64-109	
Dibenz(a,h)anthracene	ug/kg	334	288	86	50-105	
Fluoranthene	ug/kg	334	275	83	58-107	
Fluorene	ug/kg	334	259	78	52-99	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

LABORATORY CONTROL SAMPLE: 1538968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	334	275	83	51-113	
Naphthalene	ug/kg	334	221	66	50-91	
Phenanthrene	ug/kg	334	262	78	57-101	
Pyrene	ug/kg	334	266	80	50-102	
2-Fluorobiphenyl (S)	%			71	19-96	
Terphenyl-d14 (S)	%			81	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1538969 1538970

Parameter	Units	40152905006		1538970		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1-Methylnaphthalene	ug/kg	111	372	372	367	69	61	37-102	8	29	
2-Methylnaphthalene	ug/kg	140	372	372	393	68	60	44-91	8	36	
Acenaphthene	ug/kg	7.0J	372	372	275	72	74	46-97	2	26	
Acenaphthylene	ug/kg	11.7J	372	372	284	73	69	47-97	5	29	
Anthracene	ug/kg	30.9	372	372	307	74	73	50-101	2	28	
Benzo(a)anthracene	ug/kg	103	372	372	392	77	69	48-95	8	28	
Benzo(a)pyrene	ug/kg	113	372	372	434	86	73	47-108	11	36	
Benzo(b)fluoranthene	ug/kg	132	372	372	458	87	77	42-113	9	34	
Benzo(g,h,i)perylene	ug/kg	94.1	372	372	372	74	62	18-114	13	30	
Benzo(k)fluoranthene	ug/kg	120	372	372	437	85	67	50-116	16	27	
Chrysene	ug/kg	140	372	372	462	86	74	55-109	10	28	
Dibenz(a,h)anthracene	ug/kg	34.0	372	372	333	80	76	39-105	5	29	
Fluoranthene	ug/kg	186	372	372	463	75	76	41-107	1	28	
Fluorene	ug/kg	8.7J	372	372	275	71	74	48-99	3	28	
Indeno(1,2,3-cd)pyrene	ug/kg	82.0	372	372	374	78	67	27-113	12	30	
Naphthalene	ug/kg	104	372	372	326	59	58	40-91	1	37	
Phenanthrene	ug/kg	196	372	372	450	68	69	46-101	0	40	
Pyrene	ug/kg	175	372	372	470	79	92	50-102	9	31	
2-Fluorobiphenyl (S)	%					67	66	19-96			
Terphenyl-d14 (S)	%					71	78	31-98			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

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QC Batch:	261466	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152905001, 40152905002, 40152905003, 40152905004, 40152905005, 40152905006, 40152905007, 40152905008		

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SAMPLE DUPLICATE: 1539454

Parameter	Units	40153172001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.2	9.2	0	10	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152905

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152905001	B-14A 2-4	EPA 3546	261370	EPA 8270 by SIM	261457
40152905002	B-14A 4-6	EPA 3546	261370	EPA 8270 by SIM	261457
40152905003	B-14A 10-12	EPA 3546	261370	EPA 8270 by SIM	261457
40152905004	B-14A 14-16	EPA 3546	261370	EPA 8270 by SIM	261457
40152905005	B-14B 2-4	EPA 3546	261370	EPA 8270 by SIM	261457
40152905006	B-14B 8-10	EPA 3546	261370	EPA 8270 by SIM	261457
40152905007	B-14B 12-14	EPA 3546	261370	EPA 8270 by SIM	261457
40152905008	B-14B 14-16	EPA 3546	261370	EPA 8270 by SIM	261457
40152905001	B-14A 2-4	EPA 5035/5030B	261067	EPA 8260	261072
40152905002	B-14A 4-6	EPA 5035/5030B	261067	EPA 8260	261072
40152905003	B-14A 10-12	EPA 5035/5030B	261067	EPA 8260	261072
40152905004	B-14A 14-16	EPA 5035/5030B	261067	EPA 8260	261072
40152905005	B-14B 2-4	EPA 5035/5030B	261067	EPA 8260	261072
40152905006	B-14B 8-10	EPA 5035/5030B	261067	EPA 8260	261072
40152905007	B-14B 12-14	EPA 5035/5030B	261067	EPA 8260	261072
40152905008	B-14B 14-16	EPA 5035/5030B	261067	EPA 8260	261072
40152905001	B-14A 2-4	ASTM D2974-87	261466		
40152905002	B-14A 4-6	ASTM D2974-87	261466		
40152905003	B-14A 10-12	ASTM D2974-87	261466		
40152905004	B-14A 14-16	ASTM D2974-87	261466		
40152905005	B-14B 2-4	ASTM D2974-87	261466		
40152905006	B-14B 8-10	ASTM D2974-87	261466		
40152905007	B-14B 12-14	ASTM D2974-87	261466		
40152905008	B-14B 14-16	ASTM D2974-87	261466		

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Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302



Project #: **WO# : 40152905**

Client Name: Giles  
Courier:  Fed Ex  UPS  Client  Pace Other: CS Logistics  
Tracking #: 1932.070617



Custody Seal on Cooler/Box Present:  yes  no    Seals intact:  yes  no  
Custody Seal on Samples Present:  yes  no    Seals intact:  yes  no  
Packing Material:  Bubble Wrap  Bubble Bags  None  Other  
Thermometer Used: NA    Type of Ice:  Wet  Blue  Dry  None     Samples on ice, cooling process has begun  
Cooler Temperature: Uncorr: ROI /Corr: \_\_\_\_\_    Biological Tissue is Frozen:  yes  no  
Temp Blank Present:  yes  no

Person examining contents:  
Date: 7-7-17  
Initials: KR

		Comments:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7. <u>5 day TAT</u> <span style="float: right;"><u>7-7-17 KR</u></span>
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed    Lab Std #/ID of preservative    Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Comments/ Resolution: \_\_\_\_\_

Project Manager Review: AK for DM Date: 7-7-17



July 14, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on June 27, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152350001	B-14C (2-4)	Solid	06/23/17 16:00	06/27/17 09:50
40152350002	B-14C (6-8)	Solid	06/23/17 16:10	06/27/17 09:50
40152350003	B-14C (10-12)	Solid	06/23/17 16:20	06/27/17 09:50
40152350004	B-14C (14-16)	Solid	06/23/17 16:30	06/27/17 09:50

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152350001	B-14C (2-4)	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G
40152350002	B-14C (6-8)	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G
40152350003	B-14C (10-12)	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G
40152350004	B-14C (14-16)	EPA 6010	JLD	3	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152350001</b>	<b>B-14C (2-4)</b>					
EPA 6010	Arsenic	56.6	mg/kg	5.3	06/30/17 12:55	
EPA 6010	Lead	71.0	mg/kg	1.4	06/30/17 12:55	
EPA 7471	Mercury	0.077	mg/kg	0.037	06/29/17 12:12	
EPA 8270 by SIM	Acenaphthene	14.4	ug/kg	14.2	07/13/17 10:45	
EPA 8270 by SIM	Acenaphthylene	20.5	ug/kg	12.1	07/13/17 10:45	
EPA 8270 by SIM	Anthracene	61.4	ug/kg	20.9	07/13/17 10:45	
EPA 8270 by SIM	Benzo(a)anthracene	168	ug/kg	11.6	07/13/17 10:45	
EPA 8270 by SIM	Benzo(a)pyrene	175	ug/kg	9.2	07/13/17 10:45	
EPA 8270 by SIM	Benzo(b)fluoranthene	258	ug/kg	10.3	07/13/17 10:45	
EPA 8270 by SIM	Benzo(g,h,i)perylene	107	ug/kg	7.4	07/13/17 10:45	
EPA 8270 by SIM	Benzo(k)fluoranthene	78.7	ug/kg	9.2	07/13/17 10:45	
EPA 8270 by SIM	Chrysene	187	ug/kg	12.3	07/13/17 10:45	
EPA 8270 by SIM	Dibenz(a,h)anthracene	29.8	ug/kg	8.2	07/13/17 10:45	
EPA 8270 by SIM	Fluoranthene	324	ug/kg	19.1	07/13/17 10:45	
EPA 8270 by SIM	Fluorene	11.4J	ug/kg	15.2	07/13/17 10:45	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	90.9	ug/kg	8.1	07/13/17 10:45	
EPA 8270 by SIM	1-Methylnaphthalene	72.5	ug/kg	14.7	07/13/17 10:45	
EPA 8270 by SIM	2-Methylnaphthalene	89.2	ug/kg	18.3	07/13/17 10:45	
EPA 8270 by SIM	Naphthalene	126	ug/kg	30.9	07/13/17 10:45	
EPA 8270 by SIM	Phenanthrene	317	ug/kg	42.6	07/13/17 10:45	
EPA 8270 by SIM	Pyrene	258	ug/kg	16.5	07/13/17 10:45	
EPA 8260	Naphthalene	50.1J	ug/kg	266	06/29/17 17:01	
EPA 8260	Toluene	28.6J	ug/kg	63.8	06/29/17 17:01	
EPA 8260	1,2,4-Trimethylbenzene	28.7J	ug/kg	63.8	06/29/17 17:01	
ASTM D2974-87	Percent Moisture	6.0	%	0.10	06/30/17 08:57	
<b>40152350002</b>	<b>B-14C (6-8)</b>					
EPA 6010	Arsenic	7.0	mg/kg	5.8	06/30/17 12:57	
EPA 6010	Lead	11.1	mg/kg	1.5	06/30/17 12:57	
EPA 8270 by SIM	Benzo(g,h,i)perylene	2.8J	ug/kg	8.0	07/05/17 10:12	
EPA 8270 by SIM	1-Methylnaphthalene	4.8J	ug/kg	15.8	07/05/17 10:12	
ASTM D2974-87	Percent Moisture	15.3	%	0.10	06/30/17 08:57	
<b>40152350003</b>	<b>B-14C (10-12)</b>					
EPA 6010	Lead	30.3	mg/kg	7.9	06/30/17 16:17	
EPA 7471	Mercury	0.019J	mg/kg	0.043	06/29/17 12:16	
EPA 8270 by SIM	Acenaphthene	7.3J	ug/kg	16.0	07/05/17 12:30	
EPA 8270 by SIM	Anthracene	20.3J	ug/kg	23.5	07/05/17 12:30	
EPA 8270 by SIM	Benzo(a)anthracene	85.8	ug/kg	13.1	07/05/17 12:30	
EPA 8270 by SIM	Benzo(a)pyrene	97.8	ug/kg	10.4	07/05/17 12:30	
EPA 8270 by SIM	Benzo(b)fluoranthene	163	ug/kg	11.6	07/05/17 12:30	
EPA 8270 by SIM	Benzo(g,h,i)perylene	111	ug/kg	8.4	07/05/17 12:30	
EPA 8270 by SIM	Benzo(k)fluoranthene	53.5	ug/kg	10.3	07/05/17 12:30	
EPA 8270 by SIM	Chrysene	131	ug/kg	13.9	07/05/17 12:30	
EPA 8270 by SIM	Dibenz(a,h)anthracene	30.0	ug/kg	9.2	07/05/17 12:30	
EPA 8270 by SIM	Fluoranthene	123	ug/kg	21.5	07/05/17 12:30	
EPA 8270 by SIM	Fluorene	7.2J	ug/kg	17.1	07/05/17 12:30	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	83.4	ug/kg	9.1	07/05/17 12:30	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152350003</b>	<b>B-14C (10-12)</b>					
EPA 8270 by SIM	1-Methylnaphthalene	62.3	ug/kg	16.6	07/05/17 12:30	
EPA 8270 by SIM	2-Methylnaphthalene	77.5	ug/kg	20.7	07/05/17 12:30	
EPA 8270 by SIM	Naphthalene	55.4	ug/kg	34.8	07/05/17 12:30	
EPA 8270 by SIM	Phenanthrene	104	ug/kg	48.0	07/05/17 12:30	
EPA 8270 by SIM	Pyrene	106	ug/kg	18.6	07/05/17 12:30	
ASTM D2974-87	Percent Moisture	19.1	%	0.10	06/30/17 08:57	
<b>40152350004</b>	<b>B-14C (14-16)</b>					
EPA 6010	Arsenic	8.1	mg/kg	5.7	06/30/17 13:07	
EPA 6010	Lead	24.8	mg/kg	1.5	06/30/17 13:07	
EPA 7471	Mercury	0.039J	mg/kg	0.044	06/29/17 12:19	
EPA 8270 by SIM	Benzo(a)anthracene	15.8	ug/kg	13.0	07/05/17 12:47	
EPA 8270 by SIM	Benzo(a)pyrene	13.5	ug/kg	10.2	07/05/17 12:47	
EPA 8270 by SIM	Benzo(b)fluoranthene	16.4	ug/kg	11.5	07/05/17 12:47	
EPA 8270 by SIM	Benzo(g,h,i)perylene	8.0J	ug/kg	8.3	07/05/17 12:47	
EPA 8270 by SIM	Benzo(k)fluoranthene	6.4J	ug/kg	10.2	07/05/17 12:47	
EPA 8270 by SIM	Chrysene	15.9	ug/kg	13.7	07/05/17 12:47	
EPA 8270 by SIM	Fluoranthene	33.3	ug/kg	21.3	07/05/17 12:47	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	6.4J	ug/kg	9.0	07/05/17 12:47	
EPA 8270 by SIM	Phenanthrene	28.0J	ug/kg	47.5	07/05/17 12:47	
EPA 8270 by SIM	Pyrene	30.0	ug/kg	18.3	07/05/17 12:47	
ASTM D2974-87	Percent Moisture	18.4	%	0.10	06/30/17 08:57	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

**Sample: B-14C (2-4)**      **Lab ID: 40152350001**      Collected: 06/23/17 16:00      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	56.6	mg/kg	5.3	1.1	1	06/29/17 09:22	06/30/17 12:55	7440-38-2	
Lead	71.0	mg/kg	1.4	0.46	1	06/29/17 09:22	06/30/17 12:55	7439-92-1	
Selenium	<1.2	mg/kg	5.3	1.2	1	06/29/17 09:22	06/30/17 12:55	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.077	mg/kg	0.037	0.011	1	06/29/17 08:19	06/29/17 12:12	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	14.4	ug/kg	14.2	4.3	1	07/03/17 07:35	07/13/17 10:45	83-32-9	
Acenaphthylene	20.5	ug/kg	12.1	3.6	1	07/03/17 07:35	07/13/17 10:45	208-96-8	
Anthracene	61.4	ug/kg	20.9	6.3	1	07/03/17 07:35	07/13/17 10:45	120-12-7	
Benzo(a)anthracene	168	ug/kg	11.6	3.5	1	07/03/17 07:35	07/13/17 10:45	56-55-3	
Benzo(a)pyrene	175	ug/kg	9.2	2.8	1	07/03/17 07:35	07/13/17 10:45	50-32-8	
Benzo(b)fluoranthene	258	ug/kg	10.3	3.1	1	07/03/17 07:35	07/13/17 10:45	205-99-2	
Benzo(g,h,i)perylene	107	ug/kg	7.4	2.2	1	07/03/17 07:35	07/13/17 10:45	191-24-2	
Benzo(k)fluoranthene	78.7	ug/kg	9.2	2.8	1	07/03/17 07:35	07/13/17 10:45	207-08-9	
Chrysene	187	ug/kg	12.3	3.7	1	07/03/17 07:35	07/13/17 10:45	218-01-9	
Dibenz(a,h)anthracene	29.8	ug/kg	8.2	2.5	1	07/03/17 07:35	07/13/17 10:45	53-70-3	
Fluoranthene	324	ug/kg	19.1	5.7	1	07/03/17 07:35	07/13/17 10:45	206-44-0	
Fluorene	11.4J	ug/kg	15.2	4.5	1	07/03/17 07:35	07/13/17 10:45	86-73-7	
Indeno(1,2,3-cd)pyrene	90.9	ug/kg	8.1	2.4	1	07/03/17 07:35	07/13/17 10:45	193-39-5	
1-Methylnaphthalene	72.5	ug/kg	14.7	4.4	1	07/03/17 07:35	07/13/17 10:45	90-12-0	
2-Methylnaphthalene	89.2	ug/kg	18.3	5.5	1	07/03/17 07:35	07/13/17 10:45	91-57-6	
Naphthalene	126	ug/kg	30.9	9.3	1	07/03/17 07:35	07/13/17 10:45	91-20-3	
Phenanthrene	317	ug/kg	42.6	12.8	1	07/03/17 07:35	07/13/17 10:45	85-01-8	
Pyrene	258	ug/kg	16.5	5.0	1	07/03/17 07:35	07/13/17 10:45	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	48	%	19-96		1	07/03/17 07:35	07/13/17 10:45	321-60-8	
Terphenyl-d14 (S)	43	%	31-98		1	07/03/17 07:35	07/13/17 10:45	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 17:01	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 17:01	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 17:01	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

**Sample: B-14C (2-4)**      **Lab ID: 40152350001**      Collected: 06/23/17 16:00      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 17:01	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	1634-04-4	W
Naphthalene	50.1J	ug/kg	266	42.6	1	06/29/17 08:15	06/29/17 17:01	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	127-18-4	W
Toluene	28.6J	ug/kg	63.8	26.6	1	06/29/17 08:15	06/29/17 17:01	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 17:01	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	96-18-4	W
1,2,4-Trimethylbenzene	28.7J	ug/kg	63.8	26.6	1	06/29/17 08:15	06/29/17 17:01	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:01	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

**Sample: B-14C (2-4)**      **Lab ID: 40152350001**      Collected: 06/23/17 16:00      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 17:01	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	68-130		1	06/29/17 08:15	06/29/17 17:01	1868-53-7	
Toluene-d8 (S)	121	%	68-149		1	06/29/17 08:15	06/29/17 17:01	2037-26-5	
4-Bromofluorobenzene (S)	105	%	58-141		1	06/29/17 08:15	06/29/17 17:01	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>6.0</b>	%	0.10	0.10	1		06/30/17 08:57		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

**Sample: B-14C (6-8)**      **Lab ID: 40152350002**      Collected: 06/23/17 16:10      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	7.0	mg/kg	5.8	1.2	1	06/29/17 09:22	06/30/17 12:57	7440-38-2	
Lead	11.1	mg/kg	1.5	0.50	1	06/29/17 09:22	06/30/17 12:57	7439-92-1	
Selenium	<1.3	mg/kg	5.8	1.3	1	06/29/17 09:22	06/30/17 12:57	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<0.012	mg/kg	0.040	0.012	1	06/29/17 08:19	06/29/17 12:14	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.6	ug/kg	15.2	4.6	1	07/03/17 07:35	07/05/17 10:12	83-32-9	
Acenaphthylene	<3.9	ug/kg	13.0	3.9	1	07/03/17 07:35	07/05/17 10:12	208-96-8	
Anthracene	<6.7	ug/kg	22.4	6.7	1	07/03/17 07:35	07/05/17 10:12	120-12-7	
Benzo(a)anthracene	<3.7	ug/kg	12.5	3.7	1	07/03/17 07:35	07/05/17 10:12	56-55-3	
Benzo(a)pyrene	<3.0	ug/kg	9.9	3.0	1	07/03/17 07:35	07/05/17 10:12	50-32-8	
Benzo(b)fluoranthene	<3.3	ug/kg	11.1	3.3	1	07/03/17 07:35	07/05/17 10:12	205-99-2	
Benzo(g,h,i)perylene	2.8J	ug/kg	8.0	2.4	1	07/03/17 07:35	07/05/17 10:12	191-24-2	
Benzo(k)fluoranthene	<3.0	ug/kg	9.9	3.0	1	07/03/17 07:35	07/05/17 10:12	207-08-9	
Chrysene	<4.0	ug/kg	13.2	4.0	1	07/03/17 07:35	07/05/17 10:12	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.8	2.6	1	07/03/17 07:35	07/05/17 10:12	53-70-3	
Fluoranthene	<6.1	ug/kg	20.5	6.1	1	07/03/17 07:35	07/05/17 10:12	206-44-0	
Fluorene	<4.9	ug/kg	16.3	4.9	1	07/03/17 07:35	07/05/17 10:12	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.6	ug/kg	8.7	2.6	1	07/03/17 07:35	07/05/17 10:12	193-39-5	
1-Methylnaphthalene	4.8J	ug/kg	15.8	4.8	1	07/03/17 07:35	07/05/17 10:12	90-12-0	
2-Methylnaphthalene	<5.9	ug/kg	19.7	5.9	1	07/03/17 07:35	07/05/17 10:12	91-57-6	
Naphthalene	<9.9	ug/kg	33.2	9.9	1	07/03/17 07:35	07/05/17 10:12	91-20-3	
Phenanthrene	<13.8	ug/kg	45.8	13.8	1	07/03/17 07:35	07/05/17 10:12	85-01-8	
Pyrene	<5.3	ug/kg	17.7	5.3	1	07/03/17 07:35	07/05/17 10:12	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	19-96		1	07/03/17 07:35	07/05/17 10:12	321-60-8	
Terphenyl-d14 (S)	71	%	31-98		1	07/03/17 07:35	07/05/17 10:12	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 17:23	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 17:23	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 17:23	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	74-87-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

**Sample: B-14C (6-8)**      **Lab ID: 40152350002**      Collected: 06/23/17 16:10      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 17:23	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/29/17 08:15	06/29/17 17:23	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 17:23	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:23	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

**Sample: B-14C (6-8)**      **Lab ID: 40152350002**      Collected: 06/23/17 16:10      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 17:23	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	102	%	68-130		1	06/29/17 08:15	06/29/17 17:23	1868-53-7	
Toluene-d8 (S)	111	%	68-149		1	06/29/17 08:15	06/29/17 17:23	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	06/29/17 08:15	06/29/17 17:23	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>15.3</b>	%	0.10	0.10	1		06/30/17 08:57		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

**Sample: B-14C (10-12)**      **Lab ID: 40152350003**      Collected: 06/23/17 16:20      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<6.4	mg/kg	30.4	6.4	5	06/29/17 09:22	06/30/17 16:17	7440-38-2	D3
Lead	30.3	mg/kg	7.9	2.6	5	06/29/17 09:22	06/30/17 16:17	7439-92-1	
Selenium	<6.7	mg/kg	30.4	6.7	5	06/29/17 09:22	06/30/17 16:17	7782-49-2	D3
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.019J	mg/kg	0.043	0.013	1	06/29/17 08:19	06/29/17 12:16	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	7.3J	ug/kg	16.0	4.8	1	07/03/17 07:35	07/05/17 12:30	83-32-9	
Acenaphthylene	<4.1	ug/kg	13.6	4.1	1	07/03/17 07:35	07/05/17 12:30	208-96-8	
Anthracene	20.3J	ug/kg	23.5	7.1	1	07/03/17 07:35	07/05/17 12:30	120-12-7	
Benzo(a)anthracene	85.8	ug/kg	13.1	3.9	1	07/03/17 07:35	07/05/17 12:30	56-55-3	
Benzo(a)pyrene	97.8	ug/kg	10.4	3.1	1	07/03/17 07:35	07/05/17 12:30	50-32-8	
Benzo(b)fluoranthene	163	ug/kg	11.6	3.5	1	07/03/17 07:35	07/05/17 12:30	205-99-2	
Benzo(g,h,i)perylene	111	ug/kg	8.4	2.5	1	07/03/17 07:35	07/05/17 12:30	191-24-2	
Benzo(k)fluoranthene	53.5	ug/kg	10.3	3.1	1	07/03/17 07:35	07/05/17 12:30	207-08-9	
Chrysene	131	ug/kg	13.9	4.2	1	07/03/17 07:35	07/05/17 12:30	218-01-9	
Dibenz(a,h)anthracene	30.0	ug/kg	9.2	2.8	1	07/03/17 07:35	07/05/17 12:30	53-70-3	
Fluoranthene	123	ug/kg	21.5	6.4	1	07/03/17 07:35	07/05/17 12:30	206-44-0	
Fluorene	7.2J	ug/kg	17.1	5.1	1	07/03/17 07:35	07/05/17 12:30	86-73-7	
Indeno(1,2,3-cd)pyrene	83.4	ug/kg	9.1	2.7	1	07/03/17 07:35	07/05/17 12:30	193-39-5	
1-Methylnaphthalene	62.3	ug/kg	16.6	5.0	1	07/03/17 07:35	07/05/17 12:30	90-12-0	
2-Methylnaphthalene	77.5	ug/kg	20.7	6.2	1	07/03/17 07:35	07/05/17 12:30	91-57-6	
Naphthalene	55.4	ug/kg	34.8	10.4	1	07/03/17 07:35	07/05/17 12:30	91-20-3	
Phenanthrene	104	ug/kg	48.0	14.4	1	07/03/17 07:35	07/05/17 12:30	85-01-8	
Pyrene	106	ug/kg	18.6	5.6	1	07/03/17 07:35	07/05/17 12:30	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	45	%	19-96		1	07/03/17 07:35	07/05/17 12:30	321-60-8	
Terphenyl-d14 (S)	50	%	31-98		1	07/03/17 07:35	07/05/17 12:30	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 17:46	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 17:46	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 17:46	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	74-87-3	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

Sample: B-14C (10-12) Lab ID: 40152350003 Collected: 06/23/17 16:20 Received: 06/27/17 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 17:46	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/29/17 08:15	06/29/17 17:46	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 17:46	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 17:46	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

**Sample: B-14C (10-12)**      **Lab ID: 40152350003**      Collected: 06/23/17 16:20      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 17:46	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	94	%	68-130		1	06/29/17 08:15	06/29/17 17:46	1868-53-7	
Toluene-d8 (S)	103	%	68-149		1	06/29/17 08:15	06/29/17 17:46	2037-26-5	
4-Bromofluorobenzene (S)	88	%	58-141		1	06/29/17 08:15	06/29/17 17:46	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>19.1</b>	%	0.10	0.10	1		06/30/17 08:57		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Sample Project No.: 40152350

**Sample: B-14C (14-16)**      **Lab ID: 40152350004**      Collected: 06/23/17 16:30      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	8.1	mg/kg	5.7	1.2	1	06/29/17 09:22	06/30/17 13:07	7440-38-2	
Lead	24.8	mg/kg	1.5	0.50	1	06/29/17 09:22	06/30/17 13:07	7439-92-1	
Selenium	<1.3	mg/kg	5.7	1.3	1	06/29/17 09:22	06/30/17 13:07	7782-49-2	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	0.039J	mg/kg	0.044	0.013	1	06/29/17 08:19	06/29/17 12:19	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.7	ug/kg	15.8	4.7	1	07/03/17 07:35	07/05/17 12:47	83-32-9	
Acenaphthylene	<4.0	ug/kg	13.5	4.0	1	07/03/17 07:35	07/05/17 12:47	208-96-8	
Anthracene	<7.0	ug/kg	23.2	7.0	1	07/03/17 07:35	07/05/17 12:47	120-12-7	
Benzo(a)anthracene	15.8	ug/kg	13.0	3.9	1	07/03/17 07:35	07/05/17 12:47	56-55-3	
Benzo(a)pyrene	13.5	ug/kg	10.2	3.1	1	07/03/17 07:35	07/05/17 12:47	50-32-8	
Benzo(b)fluoranthene	16.4	ug/kg	11.5	3.5	1	07/03/17 07:35	07/05/17 12:47	205-99-2	
Benzo(g,h,i)perylene	8.0J	ug/kg	8.3	2.5	1	07/03/17 07:35	07/05/17 12:47	191-24-2	
Benzo(k)fluoranthene	6.4J	ug/kg	10.2	3.1	1	07/03/17 07:35	07/05/17 12:47	207-08-9	
Chrysene	15.9	ug/kg	13.7	4.1	1	07/03/17 07:35	07/05/17 12:47	218-01-9	
Dibenz(a,h)anthracene	<2.7	ug/kg	9.1	2.7	1	07/03/17 07:35	07/05/17 12:47	53-70-3	
Fluoranthene	33.3	ug/kg	21.3	6.4	1	07/03/17 07:35	07/05/17 12:47	206-44-0	
Fluorene	<5.1	ug/kg	16.9	5.1	1	07/03/17 07:35	07/05/17 12:47	86-73-7	
Indeno(1,2,3-cd)pyrene	6.4J	ug/kg	9.0	2.7	1	07/03/17 07:35	07/05/17 12:47	193-39-5	
1-Methylnaphthalene	<4.9	ug/kg	16.4	4.9	1	07/03/17 07:35	07/05/17 12:47	90-12-0	
2-Methylnaphthalene	<6.1	ug/kg	20.4	6.1	1	07/03/17 07:35	07/05/17 12:47	91-57-6	
Naphthalene	<10.3	ug/kg	34.4	10.3	1	07/03/17 07:35	07/05/17 12:47	91-20-3	
Phenanthrene	28.0J	ug/kg	47.5	14.3	1	07/03/17 07:35	07/05/17 12:47	85-01-8	
Pyrene	30.0	ug/kg	18.3	5.5	1	07/03/17 07:35	07/05/17 12:47	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	41	%	19-96		1	07/03/17 07:35	07/05/17 12:47	321-60-8	
Terphenyl-d14 (S)	60	%	31-98		1	07/03/17 07:35	07/05/17 12:47	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/29/17 08:15	06/29/17 18:09	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/29/17 08:15	06/29/17 18:09	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/29/17 08:15	06/29/17 18:09	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	74-87-3	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

**Sample: B-14C (14-16)**      **Lab ID: 40152350004**      Collected: 06/23/17 16:30      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/29/17 08:15	06/29/17 18:09	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/29/17 08:15	06/29/17 18:09	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/29/17 08:15	06/29/17 18:09	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/29/17 08:15	06/29/17 18:09	75-01-4	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

**Sample: B-14C (14-16)**      **Lab ID: 40152350004**      Collected: 06/23/17 16:30      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Xylene (Total)	<b>&lt;75.0</b>	ug/kg	180	75.0	1	06/29/17 08:15	06/29/17 18:09	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	68-130		1	06/29/17 08:15	06/29/17 18:09	1868-53-7	
Toluene-d8 (S)	110	%	68-149		1	06/29/17 08:15	06/29/17 18:09	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	06/29/17 08:15	06/29/17 18:09	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>18.4</b>	%	0.10	0.10	1		06/30/17 08:57		

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

QC Batch: 260009 Analysis Method: EPA 7471  
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
 Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

METHOD BLANK: 1531334 Matrix: Solid  
 Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	06/29/17 11:35	

LABORATORY CONTROL SAMPLE: 1531335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.86	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1531336 1531337

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		40152050001 Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Mercury	mg/kg	0.45	.97	.97	1.3	1.5	90	107	85-115	12	20	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

QC Batch: 260114 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

METHOD BLANK: 1532327 Matrix: Solid  
Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	06/30/17 12:10	
Lead	mg/kg	<0.43	1.3	06/30/17 12:10	
Selenium	mg/kg	<1.1	5.0	06/30/17 12:10	

LABORATORY CONTROL SAMPLE: 1532328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	47.3	95	80-120	
Lead	mg/kg	50	50.4	101	80-120	
Selenium	mg/kg	50	49.8	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532329 1532330

Parameter	Units	40152379001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Arsenic	mg/kg	1.5J	53.4	52.9	51.2	50.9	93	93	75-125	1	20		
Lead	mg/kg	2.1	53.4	52.9	54.4	54.4	98	99	75-125	0	20		
Selenium	mg/kg	<1.2	53.4	52.9	52.3	52.3	98	99	75-125	0	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

QC Batch: 260168 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

METHOD BLANK: 1532701 Matrix: Solid  
Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/29/17 14:22	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/29/17 14:22	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/29/17 14:22	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/29/17 14:22	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/29/17 14:22	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/29/17 14:22	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/29/17 14:22	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/29/17 14:22	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/29/17 14:22	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/29/17 14:22	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/29/17 14:22	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/29/17 14:22	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/29/17 14:22	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/29/17 14:22	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/29/17 14:22	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/29/17 14:22	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/29/17 14:22	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/29/17 14:22	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/29/17 14:22	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/29/17 14:22	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/29/17 14:22	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/29/17 14:22	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/29/17 14:22	
Benzene	ug/kg	<9.2	20.0	06/29/17 14:22	
Bromobenzene	ug/kg	<20.6	50.0	06/29/17 14:22	
Bromochloromethane	ug/kg	<21.4	50.0	06/29/17 14:22	
Bromodichloromethane	ug/kg	<9.8	50.0	06/29/17 14:22	
Bromoform	ug/kg	<19.8	50.0	06/29/17 14:22	
Bromomethane	ug/kg	<69.9	250	06/29/17 14:22	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/29/17 14:22	
Chlorobenzene	ug/kg	<14.8	50.0	06/29/17 14:22	
Chloroethane	ug/kg	<67.0	250	06/29/17 14:22	
Chloroform	ug/kg	<46.4	250	06/29/17 14:22	
Chloromethane	ug/kg	<20.4	50.0	06/29/17 14:22	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/29/17 14:22	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/29/17 14:22	
Dibromochloromethane	ug/kg	<17.9	50.0	06/29/17 14:22	
Dibromomethane	ug/kg	<19.3	50.0	06/29/17 14:22	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/29/17 14:22	
Diisopropyl ether	ug/kg	<17.7	50.0	06/29/17 14:22	
Ethylbenzene	ug/kg	<12.4	50.0	06/29/17 14:22	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

METHOD BLANK: 1532701

Matrix: Solid

Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	26.6J	50.0	06/29/17 14:22	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/29/17 14:22	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/29/17 14:22	
Methylene Chloride	ug/kg	<16.2	50.0	06/29/17 14:22	
n-Butylbenzene	ug/kg	<10.5	50.0	06/29/17 14:22	
n-Propylbenzene	ug/kg	<11.6	50.0	06/29/17 14:22	
Naphthalene	ug/kg	<40.0	250	06/29/17 14:22	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/29/17 14:22	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/29/17 14:22	
Styrene	ug/kg	<9.0	50.0	06/29/17 14:22	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/29/17 14:22	
Tetrachloroethene	ug/kg	<12.9	50.0	06/29/17 14:22	
Toluene	ug/kg	<11.2	50.0	06/29/17 14:22	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/29/17 14:22	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/29/17 14:22	
Trichloroethene	ug/kg	<23.6	50.0	06/29/17 14:22	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/29/17 14:22	
Vinyl chloride	ug/kg	<21.1	50.0	06/29/17 14:22	
Xylene (Total)	ug/kg	<48.4	150	06/29/17 14:22	
4-Bromofluorobenzene (S)	%	90	58-141	06/29/17 14:22	
Dibromofluoromethane (S)	%	102	68-130	06/29/17 14:22	
Toluene-d8 (S)	%	105	68-149	06/29/17 14:22	

LABORATORY CONTROL SAMPLE: 1532702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2510	100	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2670	107	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2640	106	70-130	
1,1-Dichloroethane	ug/kg	2500	2350	94	63-124	
1,1-Dichloroethene	ug/kg	2500	2620	105	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2350	94	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2100	84	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2610	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2680	107	70-130	
1,2-Dichloroethane	ug/kg	2500	2920	117	56-135	
1,2-Dichloropropane	ug/kg	2500	2450	98	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2650	106	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2620	105	70-130	
Benzene	ug/kg	2500	2340	94	66-130	
Bromodichloromethane	ug/kg	2500	2500	100	62-135	
Bromoform	ug/kg	2500	2210	88	68-130	
Bromomethane	ug/kg	2500	2290	92	29-137	
Carbon tetrachloride	ug/kg	2500	2450	98	57-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

LABORATORY CONTROL SAMPLE: 1532702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2630	105	70-130	
Chloroethane	ug/kg	2500	2710	108	36-144	
Chloroform	ug/kg	2500	2540	102	69-115	
Chloromethane	ug/kg	2500	1660	66	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2170	87	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2380	95	70-130	
Dibromochloromethane	ug/kg	2500	2340	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1370	55	10-99	
Ethylbenzene	ug/kg	2500	2600	104	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2520	101	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2340	94	63-134	
Methylene Chloride	ug/kg	2500	2850	114	56-123	
Styrene	ug/kg	2500	2530	101	70-130	
Tetrachloroethene	ug/kg	2500	2520	101	70-131	
Toluene	ug/kg	2500	2580	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2400	96	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2380	95	68-130	
Trichloroethene	ug/kg	2500	2590	104	70-130	
Trichlorofluoromethane	ug/kg	2500	3160	126	37-149	
Vinyl chloride	ug/kg	2500	2000	80	43-128	
Xylene (Total)	ug/kg	7500	7570	101	70-130	
4-Bromofluorobenzene (S)	%			96	58-141	
Dibromofluoromethane (S)	%			99	68-130	
Toluene-d8 (S)	%			102	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532703 1532704

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152310014 Result	Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1420	1420	1210	1270	85	89	57-123	5	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1420	1420	1500	1460	105	102	73-135	3	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1420	1420	1470	1450	103	102	70-130	1	20		
1,1-Dichloroethane	ug/kg	<25.0	1420	1420	1210	1250	85	87	63-124	3	20		
1,1-Dichloroethene	ug/kg	<25.0	1420	1420	1260	1310	89	92	48-117	4	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1420	1420	1500	1490	103	102	78-145	1	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1420	1420	1240	1240	87	87	38-168	0	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1420	1420	1400	1410	98	99	70-130	1	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1420	1420	1530	1560	107	109	70-130	2	20		
1,2-Dichloroethane	ug/kg	<25.0	1420	1420	1640	1610	115	113	56-145	2	20		
1,2-Dichloropropane	ug/kg	<25.0	1420	1420	1350	1320	95	93	77-123	2	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1420	1420	1510	1500	106	105	70-130	1	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1420	1420	1510	1520	105	106	70-130	1	20		
Benzene	ug/kg	<25.0	1420	1420	1260	1280	89	90	65-130	2	20		
Bromodichloromethane	ug/kg	<25.0	1420	1420	1370	1320	96	93	59-141	4	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

Parameter	Units	40152310014		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	MSD % Rec								
Bromoform	ug/kg	<25.0	1420	1420	1180	1120	83	79	59-141	5	20					
Bromomethane	ug/kg	<69.9	1420	1420	1220	1310	86	92	28-139	7	20					
Carbon tetrachloride	ug/kg	<25.0	1420	1420	1180	1240	82	87	50-130	5	20					
Chlorobenzene	ug/kg	<25.0	1420	1420	1440	1470	101	103	70-130	2	20					
Chloroethane	ug/kg	<67.0	1420	1420	1380	1530	97	107	36-144	10	20					
Chloroform	ug/kg	<46.4	1420	1420	1380	1410	97	99	68-122	2	20					
Chloromethane	ug/kg	<25.0	1420	1420	757	804	53	56	30-126	6	20					
cis-1,2-Dichloroethene	ug/kg	<25.0	1420	1420	1240	1190	87	84	63-130	4	20					
cis-1,3-Dichloropropene	ug/kg	<25.0	1420	1420	1260	1230	88	86	70-130	2	20					
Dibromochloromethane	ug/kg	<25.0	1420	1420	1200	1220	84	86	66-136	1	20					
Dichlorodifluoromethane	ug/kg	<25.0	1420	1420	454	473	32	33	10-99	4	33					
Ethylbenzene	ug/kg	<25.0	1420	1420	1340	1340	94	94	80-122	0	20					
Isopropylbenzene (Cumene)	ug/kg	<25.0	1420	1420	1270	1280	89	90	70-130	1	20					
Methyl-tert-butyl ether	ug/kg	<25.0	1420	1420	1360	1310	96	92	63-134	4	20					
Methylene Chloride	ug/kg	<25.0	1420	1420	1550	1570	108	110	56-127	1	20					
Styrene	ug/kg	<25.0	1420	1420	1350	1320	95	93	70-130	2	20					
Tetrachloroethene	ug/kg	<25.0	1420	1420	1360	1390	95	98	70-131	2	20					
Toluene	ug/kg	<25.0	1420	1420	1380	1390	97	97	80-120	0	20					
trans-1,2-Dichloroethene	ug/kg	<25.0	1420	1420	1210	1230	85	86	60-130	1	20					
trans-1,3-Dichloropropene	ug/kg	<25.0	1420	1420	1290	1240	90	87	68-130	4	20					
Trichloroethene	ug/kg	<25.0	1420	1420	1350	1380	95	97	70-130	2	20					
Trichlorofluoromethane	ug/kg	<25.0	1420	1420	1410	1320	99	93	37-149	7	24					
Vinyl chloride	ug/kg	<25.0	1420	1420	913	943	64	66	39-128	3	20					
Xylene (Total)	ug/kg	<75.0	4270	4270	4030	3940	94	92	70-130	2	20					
4-Bromofluorobenzene (S)	%						83	80	58-141							
Dibromofluoromethane (S)	%						86	84	68-130							
Toluene-d8 (S)	%						90	87	68-149							

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

QC Batch: 260368 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

METHOD BLANK: 1534589 Matrix: Solid  
Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/03/17 18:20	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/03/17 18:20	
Acenaphthene	ug/kg	<3.9	12.9	07/03/17 18:20	
Acenaphthylene	ug/kg	<3.3	11.0	07/03/17 18:20	
Anthracene	ug/kg	<5.7	19.0	07/03/17 18:20	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/03/17 18:20	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/03/17 18:20	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/03/17 18:20	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/03/17 18:20	
Benzo(k)fluoranthene	ug/kg	<2.5	8.3	07/03/17 18:20	
Chrysene	ug/kg	<3.4	11.2	07/03/17 18:20	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	07/03/17 18:20	
Fluoranthene	ug/kg	<5.2	17.4	07/03/17 18:20	
Fluorene	ug/kg	<4.1	13.8	07/03/17 18:20	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/03/17 18:20	
Naphthalene	ug/kg	<8.4	28.1	07/03/17 18:20	
Phenanthrene	ug/kg	<11.6	38.7	07/03/17 18:20	
Pyrene	ug/kg	<4.5	15.0	07/03/17 18:20	
2-Fluorobiphenyl (S)	%	73	19-96	07/03/17 18:20	
Terphenyl-d14 (S)	%	84	31-98	07/03/17 18:20	

LABORATORY CONTROL SAMPLE: 1534590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	289	87	49-102	
2-Methylnaphthalene	ug/kg	334	285	85	47-91	
Acenaphthene	ug/kg	334	302	90	52-97	
Acenaphthylene	ug/kg	334	294	88	49-97	
Anthracene	ug/kg	334	311	93	62-101	
Benzo(a)anthracene	ug/kg	334	282	84	53-95	
Benzo(a)pyrene	ug/kg	334	317	95	57-108	
Benzo(b)fluoranthene	ug/kg	334	315	94	53-113	
Benzo(g,h,i)perylene	ug/kg	334	366	110	43-114	
Benzo(k)fluoranthene	ug/kg	334	316	95	66-116	
Chrysene	ug/kg	334	311	93	64-109	
Dibenz(a,h)anthracene	ug/kg	334	319	96	50-105	
Fluoranthene	ug/kg	334	298	89	58-107	
Fluorene	ug/kg	334	293	88	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	334	324	97	51-113	
Naphthalene	ug/kg	334	282	84	50-91	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152350

LABORATORY CONTROL SAMPLE: 1534590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	334	300	90	57-101	
Pyrene	ug/kg	334	283	85	50-102	
2-Fluorobiphenyl (S)	%			80	19-96	
Terphenyl-d14 (S)	%			85	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1534591 1534592

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152350002 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/kg	4.8J	393	393	302	291	76	73	37-102	4	29		
2-Methylnaphthalene	ug/kg	<5.9	393	393	282	287	71	72	44-91	2	36		
Acenaphthene	ug/kg	<4.6	393	393	293	308	75	78	46-97	5	26		
Acenaphthylene	ug/kg	<3.9	393	393	286	300	73	76	47-97	5	29		
Anthracene	ug/kg	<6.7	393	393	294	309	75	78	50-101	5	28		
Benzo(a)anthracene	ug/kg	<3.7	393	393	274	286	69	72	48-95	4	28		
Benzo(a)pyrene	ug/kg	<3.0	393	393	294	314	74	79	47-108	7	36		
Benzo(b)fluoranthene	ug/kg	<3.3	393	393	297	316	75	80	42-113	6	34		
Benzo(g,h,i)perylene	ug/kg	2.8J	393	393	330	345	83	87	18-114	5	30		
Benzo(k)fluoranthene	ug/kg	<3.0	393	393	297	319	75	81	50-116	7	27		
Chrysene	ug/kg	<4.0	393	393	294	307	74	77	55-109	4	28		
Dibenz(a,h)anthracene	ug/kg	<2.6	393	393	312	330	79	84	39-105	6	29		
Fluoranthene	ug/kg	<6.1	393	393	283	295	71	74	41-107	4	28		
Fluorene	ug/kg	<4.9	393	393	287	300	73	76	48-99	4	28		
Indeno(1,2,3-cd)pyrene	ug/kg	<2.6	393	393	308	324	79	82	27-113	5	30		
Naphthalene	ug/kg	<9.9	393	393	289	300	73	75	40-91	4	37		
Phenanthrene	ug/kg	<13.8	393	393	288	299	72	75	46-101	4	40		
Pyrene	ug/kg	<5.3	393	393	283	292	71	73	50-102	3	31		
2-Fluorobiphenyl (S)	%						62	63	19-96				
Terphenyl-d14 (S)	%						69	73	31-98				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

QC Batch: 260250

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152350001, 40152350002, 40152350003, 40152350004

SAMPLE DUPLICATE: 1533171

Parameter	Units	40152351004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.1	13.1	0	10	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152350

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152350001	B-14C (2-4)	EPA 3050	260114	EPA 6010	260207
40152350002	B-14C (6-8)	EPA 3050	260114	EPA 6010	260207
40152350003	B-14C (10-12)	EPA 3050	260114	EPA 6010	260207
40152350004	B-14C (14-16)	EPA 3050	260114	EPA 6010	260207
40152350001	B-14C (2-4)	EPA 7471	260009	EPA 7471	260131
40152350002	B-14C (6-8)	EPA 7471	260009	EPA 7471	260131
40152350003	B-14C (10-12)	EPA 7471	260009	EPA 7471	260131
40152350004	B-14C (14-16)	EPA 7471	260009	EPA 7471	260131
40152350001	B-14C (2-4)	EPA 3546	260368	EPA 8270 by SIM	260442
40152350002	B-14C (6-8)	EPA 3546	260368	EPA 8270 by SIM	260442
40152350003	B-14C (10-12)	EPA 3546	260368	EPA 8270 by SIM	260442
40152350004	B-14C (14-16)	EPA 3546	260368	EPA 8270 by SIM	260442
40152350001	B-14C (2-4)	EPA 5035/5030B	260168	EPA 8260	260171
40152350002	B-14C (6-8)	EPA 5035/5030B	260168	EPA 8260	260171
40152350003	B-14C (10-12)	EPA 5035/5030B	260168	EPA 8260	260171
40152350004	B-14C (14-16)	EPA 5035/5030B	260168	EPA 8260	260171
40152350001	B-14C (2-4)	ASTM D2974-87	260250		
40152350002	B-14C (6-8)	ASTM D2974-87	260250		
40152350003	B-14C (10-12)	ASTM D2974-87	260250		
40152350004	B-14C (14-16)	ASTM D2974-87	260250		

### REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302

Project

WO#: 40152350

Client Name: Giles

Courier:  Fed Ex  UPS  Client  Pace Other: CS Logistics



Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used 92-100 Type of Ice:  We  Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1 / Corr: 1.5 Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Person examining contents:  
Date: 6/27/17  
Initials: EMW

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. NO times on all samples EMW NO date on all 40mls 6/27/17
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: \_\_\_\_\_

Date: 6/27/17

July 11, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on June 27, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152349001	B-15A (2-4)	Solid	06/23/17 12:00	06/27/17 09:50
40152349002	B-15A (6-8)	Solid	06/23/17 12:05	06/27/17 09:50
40152349003	B-15A (10-12)	Solid	06/23/17 12:10	06/27/17 09:50
40152349004	B-15A (14-16)	Solid	06/23/17 12:15	06/27/17 09:50
40152349005	B-15B (2-4)	Solid	06/23/17 12:20	06/27/17 09:50
40152349006	B-15B (6-8)	Solid	06/23/17 12:30	06/27/17 09:50
40152349007	B-15B (10-12)	Solid	06/23/17 12:40	06/27/17 09:50
40152349008	B-15C (2-4)	Solid	06/23/17 13:45	06/27/17 09:50
40152349009	B-15C (6-8)	Solid	06/23/17 13:50	06/27/17 09:50
40152349010	B-15C (10-12)	Solid	06/23/17 13:55	06/27/17 09:50

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152349001	B-15A (2-4)	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40152349002	B-15A (6-8)	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40152349003	B-15A (10-12)	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40152349004	B-15A (14-16)	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40152349005	B-15B (2-4)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40152349006	B-15B (6-8)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40152349007	B-15B (10-12)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152349008	B-15C (2-4)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40152349009	B-15C (6-8)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G
40152349010	B-15C (10-12)	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	RMV	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152349001</b>	<b>B-15A (2-4)</b>					
EPA 6010	Arsenic	55.2	mg/kg	5.0	07/03/17 10:04	
EPA 6010	Lead	58.7	mg/kg	1.3	07/03/17 10:04	
EPA 8270 by SIM	Acenaphthene	45.6	ug/kg	28.9	07/10/17 21:07	
EPA 8270 by SIM	Acenaphthylene	47.2	ug/kg	24.7	07/10/17 21:07	
EPA 8270 by SIM	Anthracene	130	ug/kg	42.6	07/10/17 21:07	
EPA 8270 by SIM	Benzo(a)anthracene	284	ug/kg	23.8	07/10/17 21:07	
EPA 8270 by SIM	Benzo(a)pyrene	211	ug/kg	18.8	07/10/17 21:07	
EPA 8270 by SIM	Benzo(b)fluoranthene	321	ug/kg	21.1	07/10/17 21:07	
EPA 8270 by SIM	Benzo(g,h,i)perylene	53.5	ug/kg	15.2	07/10/17 21:07	
EPA 8270 by SIM	Benzo(k)fluoranthene	115	ug/kg	18.7	07/10/17 21:07	
EPA 8270 by SIM	Chrysene	288	ug/kg	25.1	07/10/17 21:07	
EPA 8270 by SIM	Dibenz(a,h)anthracene	23.1	ug/kg	16.7	07/10/17 21:07	
EPA 8270 by SIM	Fluoranthene	501	ug/kg	39.0	07/10/17 21:07	
EPA 8270 by SIM	Fluorene	40.1	ug/kg	30.9	07/10/17 21:07	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	59.3	ug/kg	16.4	07/10/17 21:07	
EPA 8270 by SIM	1-Methylnaphthalene	522	ug/kg	30.0	07/10/17 21:07	
EPA 8270 by SIM	2-Methylnaphthalene	633	ug/kg	37.4	07/10/17 21:07	
EPA 8270 by SIM	Naphthalene	540	ug/kg	63.0	07/10/17 21:07	
EPA 8270 by SIM	Phenanthrene	977	ug/kg	87.0	07/10/17 21:07	
EPA 8270 by SIM	Pyrene	453	ug/kg	33.6	07/10/17 21:07	
EPA 8260	Benzene	37.1J	ug/kg	74.9	06/28/17 20:42	
EPA 8260	n-Butylbenzene	69.7J	ug/kg	74.9	06/28/17 20:42	
EPA 8260	sec-Butylbenzene	48.1J	ug/kg	74.9	06/28/17 20:42	
EPA 8260	Ethylbenzene	115	ug/kg	74.9	06/28/17 20:42	
EPA 8260	Isopropylbenzene (Cumene)	88.3	ug/kg	74.9	06/28/17 20:42	
EPA 8260	p-Isopropyltoluene	38.4J	ug/kg	74.9	06/28/17 20:42	
EPA 8260	Naphthalene	512	ug/kg	312	06/28/17 20:42	
EPA 8260	n-Propylbenzene	107	ug/kg	74.9	06/28/17 20:42	
EPA 8260	Toluene	270	ug/kg	74.9	06/28/17 20:42	
EPA 8260	1,1,1-Trichloroethane	64.8J	ug/kg	74.9	06/28/17 20:42	
EPA 8260	Trichloroethene	473	ug/kg	74.9	06/28/17 20:42	
EPA 8260	1,2,4-Trimethylbenzene	327	ug/kg	74.9	06/28/17 20:42	
EPA 8260	1,3,5-Trimethylbenzene	88.1	ug/kg	74.9	06/28/17 20:42	
EPA 8260	Xylene (Total)	703	ug/kg	225	06/28/17 20:42	
ASTM D2974-87	Percent Moisture	11.0	%	0.10	06/28/17 09:09	
<b>40152349002</b>	<b>B-15A (6-8)</b>					
EPA 6010	Arsenic	18.4J	mg/kg	52.6	07/03/17 14:13	D3
EPA 6010	Lead	22.8	mg/kg	13.7	07/03/17 14:13	
EPA 8270 by SIM	Anthracene	655J	ug/kg	1710	07/05/17 15:43	
EPA 8270 by SIM	Benzo(a)anthracene	14500	ug/kg	955	07/05/17 15:43	
EPA 8270 by SIM	Benzo(a)pyrene	18600	ug/kg	754	07/05/17 15:43	
EPA 8270 by SIM	Benzo(b)fluoranthene	36300	ug/kg	848	07/05/17 15:43	
EPA 8270 by SIM	Benzo(g,h,i)perylene	15800	ug/kg	610	07/05/17 15:43	
EPA 8270 by SIM	Benzo(k)fluoranthene	10500	ug/kg	753	07/05/17 15:43	
EPA 8270 by SIM	Chrysene	23800	ug/kg	1010	07/05/17 15:43	
EPA 8270 by SIM	Dibenz(a,h)anthracene	4960	ug/kg	671	07/05/17 15:43	
EPA 8270 by SIM	Fluoranthene	24800	ug/kg	1570	07/05/17 15:43	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152349002</b>	<b>B-15A (6-8)</b>					
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	14600	ug/kg	660	07/05/17 15:43	
EPA 8270 by SIM	Phenanthrene	4650	ug/kg	3500	07/05/17 15:43	
EPA 8270 by SIM	Pyrene	18000	ug/kg	1350	07/05/17 15:43	
EPA 8260	n-Butylbenzene	71.6	ug/kg	67.5	06/28/17 21:04	
EPA 8260	Ethylbenzene	64.8J	ug/kg	67.5	06/28/17 21:04	
EPA 8260	Naphthalene	125J	ug/kg	281	06/28/17 21:04	
EPA 8260	n-Propylbenzene	72.2	ug/kg	67.5	06/28/17 21:04	
EPA 8260	Toluene	86.0	ug/kg	67.5	06/28/17 21:04	
EPA 8260	1,2,4-Trimethylbenzene	63.3J	ug/kg	67.5	06/28/17 21:04	
EPA 8260	Xylene (Total)	147J	ug/kg	202	06/28/17 21:04	
ASTM D2974-87	Percent Moisture	11.0	%	0.10	06/28/17 09:09	
<b>40152349003</b>	<b>B-15A (10-12)</b>					
EPA 6010	Arsenic	4.1J	mg/kg	5.2	07/03/17 10:09	
EPA 6010	Lead	8.9	mg/kg	1.4	07/03/17 10:09	
EPA 8270 by SIM	Anthracene	7.7J	ug/kg	22.1	07/05/17 11:04	
EPA 8270 by SIM	Benzo(a)anthracene	31.7	ug/kg	12.3	07/05/17 11:04	
EPA 8270 by SIM	Benzo(a)pyrene	29.4	ug/kg	9.7	07/05/17 11:04	
EPA 8270 by SIM	Benzo(b)fluoranthene	53.6	ug/kg	10.9	07/05/17 11:04	
EPA 8270 by SIM	Benzo(g,h,i)perylene	25.5	ug/kg	7.9	07/05/17 11:04	
EPA 8270 by SIM	Benzo(k)fluoranthene	20.2	ug/kg	9.7	07/05/17 11:04	
EPA 8270 by SIM	Chrysene	46.0	ug/kg	13.0	07/05/17 11:04	
EPA 8270 by SIM	Dibenz(a,h)anthracene	7.9J	ug/kg	8.7	07/05/17 11:04	
EPA 8270 by SIM	Fluoranthene	51.2	ug/kg	20.2	07/05/17 11:04	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	20.8	ug/kg	8.5	07/05/17 11:04	
EPA 8270 by SIM	1-Methylnaphthalene	20.4	ug/kg	15.6	07/05/17 11:04	
EPA 8270 by SIM	2-Methylnaphthalene	26.9	ug/kg	19.4	07/05/17 11:04	
EPA 8270 by SIM	Naphthalene	22.6J	ug/kg	32.7	07/05/17 11:04	
EPA 8270 by SIM	Phenanthrene	38.3J	ug/kg	45.1	07/05/17 11:04	
EPA 8270 by SIM	Pyrene	42.3	ug/kg	17.4	07/05/17 11:04	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	06/28/17 09:09	
<b>40152349004</b>	<b>B-15A (14-16)</b>					
EPA 6010	Arsenic	4.8J	mg/kg	5.9	07/03/17 10:16	
EPA 6010	Lead	11.6	mg/kg	1.5	07/03/17 10:16	
EPA 8270 by SIM	Benzo(a)anthracene	12.5J	ug/kg	13.1	07/05/17 11:21	
EPA 8270 by SIM	Benzo(a)pyrene	11.8	ug/kg	10.4	07/05/17 11:21	
EPA 8270 by SIM	Benzo(b)fluoranthene	14.9	ug/kg	11.6	07/05/17 11:21	
EPA 8270 by SIM	Benzo(g,h,i)perylene	8.5	ug/kg	8.4	07/05/17 11:21	
EPA 8270 by SIM	Benzo(k)fluoranthene	5.9J	ug/kg	10.3	07/05/17 11:21	
EPA 8270 by SIM	Chrysene	12.4J	ug/kg	13.9	07/05/17 11:21	
EPA 8270 by SIM	Fluoranthene	22.2	ug/kg	21.5	07/05/17 11:21	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	6.6J	ug/kg	9.1	07/05/17 11:21	
EPA 8270 by SIM	Naphthalene	11.5J	ug/kg	34.8	07/05/17 11:21	
EPA 8270 by SIM	Phenanthrene	20.2J	ug/kg	48.0	07/05/17 11:21	
EPA 8270 by SIM	Pyrene	20.0	ug/kg	18.6	07/05/17 11:21	
ASTM D2974-87	Percent Moisture	19.1	%	0.10	06/28/17 09:09	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152349005</b>	<b>B-15B (2-4)</b>					
EPA 8270 by SIM	Acenaphthene	40.0J	ug/kg	61.4	07/10/17 19:58	
EPA 8270 by SIM	Acenaphthylene	67.8	ug/kg	52.4	07/10/17 19:58	
EPA 8270 by SIM	Anthracene	134	ug/kg	90.5	07/10/17 19:58	
EPA 8270 by SIM	Benzo(a)anthracene	368	ug/kg	50.5	07/10/17 19:58	
EPA 8270 by SIM	Benzo(a)pyrene	287	ug/kg	39.9	07/10/17 19:58	
EPA 8270 by SIM	Benzo(b)fluoranthene	463	ug/kg	44.8	07/10/17 19:58	
EPA 8270 by SIM	Benzo(g,h,i)perylene	90.2	ug/kg	32.2	07/10/17 19:58	
EPA 8270 by SIM	Benzo(k)fluoranthene	145	ug/kg	39.8	07/10/17 19:58	
EPA 8270 by SIM	Chrysene	394	ug/kg	53.3	07/10/17 19:58	
EPA 8270 by SIM	Dibenz(a,h)anthracene	37.6	ug/kg	35.5	07/10/17 19:58	
EPA 8270 by SIM	Fluoranthene	508	ug/kg	82.9	07/10/17 19:58	
EPA 8270 by SIM	Fluorene	25.9J	ug/kg	65.7	07/10/17 19:58	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	91.6	ug/kg	34.9	07/10/17 19:58	
EPA 8270 by SIM	1-Methylnaphthalene	418	ug/kg	63.8	07/10/17 19:58	
EPA 8270 by SIM	2-Methylnaphthalene	420	ug/kg	79.5	07/10/17 19:58	
EPA 8270 by SIM	Naphthalene	403	ug/kg	134	07/10/17 19:58	
EPA 8270 by SIM	Phenanthrene	1250	ug/kg	185	07/10/17 19:58	
EPA 8270 by SIM	Pyrene	505	ug/kg	71.4	07/10/17 19:58	
EPA 8260	n-Butylbenzene	35.8J	ug/kg	71.5	06/28/17 22:12	
EPA 8260	sec-Butylbenzene	32.3J	ug/kg	71.5	06/28/17 22:12	
EPA 8260	Naphthalene	85.4J	ug/kg	298	06/28/17 22:12	
EPA 8260	Toluene	46.5J	ug/kg	71.5	06/28/17 22:12	
EPA 8260	1,1,1-Trichloroethane	191	ug/kg	71.5	06/28/17 22:12	
EPA 8260	Trichloroethene	1220	ug/kg	71.5	06/28/17 22:12	
EPA 8260	1,2,4-Trimethylbenzene	45.3J	ug/kg	71.5	06/28/17 22:12	
EPA 8260	1,3,5-Trimethylbenzene	30.9J	ug/kg	71.5	06/28/17 22:12	
ASTM D2974-87	Percent Moisture	16.1	%	0.10	06/28/17 09:09	
<b>40152349006</b>	<b>B-15B (6-8)</b>					
EPA 8270 by SIM	Acenaphthene	5.6J	ug/kg	15.4	07/05/17 11:38	
EPA 8270 by SIM	Anthracene	13.1J	ug/kg	22.7	07/05/17 11:38	
EPA 8270 by SIM	Benzo(a)anthracene	39.2	ug/kg	12.7	07/05/17 11:38	
EPA 8270 by SIM	Benzo(a)pyrene	39.6	ug/kg	10	07/05/17 11:38	
EPA 8270 by SIM	Benzo(b)fluoranthene	56.0	ug/kg	11.2	07/05/17 11:38	
EPA 8270 by SIM	Benzo(g,h,i)perylene	32.3	ug/kg	8.1	07/05/17 11:38	
EPA 8270 by SIM	Benzo(k)fluoranthene	20.3	ug/kg	10	07/05/17 11:38	
EPA 8270 by SIM	Chrysene	52.3	ug/kg	13.4	07/05/17 11:38	
EPA 8270 by SIM	Dibenz(a,h)anthracene	8.4J	ug/kg	8.9	07/05/17 11:38	
EPA 8270 by SIM	Fluoranthene	74.8	ug/kg	20.8	07/05/17 11:38	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	25.0	ug/kg	8.7	07/05/17 11:38	
EPA 8270 by SIM	1-Methylnaphthalene	54.3	ug/kg	16.0	07/05/17 11:38	
EPA 8270 by SIM	2-Methylnaphthalene	60.3	ug/kg	19.9	07/05/17 11:38	
EPA 8270 by SIM	Naphthalene	44.0	ug/kg	33.5	07/05/17 11:38	
EPA 8270 by SIM	Phenanthrene	97.3	ug/kg	46.3	07/05/17 11:38	
EPA 8270 by SIM	Pyrene	72.0	ug/kg	17.9	07/05/17 11:38	
ASTM D2974-87	Percent Moisture	16.3	%	0.10	06/28/17 09:09	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152349007</b>	<b>B-15B (10-12)</b>					
EPA 8270 by SIM	Benzo(a)anthracene	9.8J	ug/kg	16.2	07/05/17 11:56	
EPA 8270 by SIM	Benzo(a)pyrene	6.4J	ug/kg	12.8	07/05/17 11:56	
EPA 8270 by SIM	Benzo(b)fluoranthene	14.9	ug/kg	14.4	07/05/17 11:56	
EPA 8270 by SIM	Benzo(g,h,i)perylene	5.7J	ug/kg	10.3	07/05/17 11:56	
EPA 8270 by SIM	Benzo(k)fluoranthene	4.7J	ug/kg	12.8	07/05/17 11:56	
EPA 8270 by SIM	Chrysene	9.1J	ug/kg	17.1	07/05/17 11:56	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	5.0J	ug/kg	11.2	07/05/17 11:56	
ASTM D2974-87	Percent Moisture	34.6	%	0.10	06/27/17 15:55	
<b>40152349008</b>	<b>B-15C (2-4)</b>					
EPA 8270 by SIM	Acenaphthene	10.2J	ug/kg	13.8	07/10/17 20:15	
EPA 8270 by SIM	Acenaphthylene	18.9	ug/kg	11.8	07/10/17 20:15	
EPA 8270 by SIM	Anthracene	32.5	ug/kg	20.4	07/10/17 20:15	
EPA 8270 by SIM	Benzo(a)anthracene	168	ug/kg	11.4	07/10/17 20:15	
EPA 8270 by SIM	Benzo(a)pyrene	161	ug/kg	9.0	07/10/17 20:15	
EPA 8270 by SIM	Benzo(b)fluoranthene	255	ug/kg	10.1	07/10/17 20:15	
EPA 8270 by SIM	Benzo(g,h,i)perylene	60.1	ug/kg	7.3	07/10/17 20:15	
EPA 8270 by SIM	Benzo(k)fluoranthene	87.3	ug/kg	9.0	07/10/17 20:15	
EPA 8270 by SIM	Chrysene	198	ug/kg	12.0	07/10/17 20:15	
EPA 8270 by SIM	Dibenz(a,h)anthracene	24.4	ug/kg	8.0	07/10/17 20:15	
EPA 8270 by SIM	Fluoranthene	284	ug/kg	18.7	07/10/17 20:15	
EPA 8270 by SIM	Fluorene	8.8J	ug/kg	14.8	07/10/17 20:15	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	63.7	ug/kg	7.9	07/10/17 20:15	
EPA 8270 by SIM	1-Methylnaphthalene	113	ug/kg	14.4	07/10/17 20:15	
EPA 8270 by SIM	2-Methylnaphthalene	104	ug/kg	17.9	07/10/17 20:15	
EPA 8270 by SIM	Naphthalene	73.3	ug/kg	30.1	07/10/17 20:15	
EPA 8270 by SIM	Phenanthrene	271	ug/kg	41.6	07/10/17 20:15	
EPA 8270 by SIM	Pyrene	256	ug/kg	16.1	07/10/17 20:15	
EPA 8260	Naphthalene	47.2J	ug/kg	268	06/28/17 23:20	
EPA 8260	Trichloroethene	108	ug/kg	64.3	06/28/17 23:20	
ASTM D2974-87	Percent Moisture	6.7	%	0.10	06/28/17 09:09	
<b>40152349009</b>	<b>B-15C (6-8)</b>					
EPA 8270 by SIM	Acenaphthene	136J	ug/kg	376	07/10/17 20:32	
EPA 8270 by SIM	Anthracene	391J	ug/kg	554	07/10/17 20:32	
EPA 8270 by SIM	Benzo(a)anthracene	6340	ug/kg	309	07/10/17 20:32	
EPA 8270 by SIM	Benzo(a)pyrene	6500	ug/kg	244	07/10/17 20:32	
EPA 8270 by SIM	Benzo(b)fluoranthene	13500	ug/kg	274	07/10/17 20:32	
EPA 8270 by SIM	Benzo(g,h,i)perylene	3150	ug/kg	197	07/10/17 20:32	
EPA 8270 by SIM	Benzo(k)fluoranthene	4100	ug/kg	244	07/10/17 20:32	
EPA 8270 by SIM	Chrysene	9450	ug/kg	326	07/10/17 20:32	
EPA 8270 by SIM	Dibenz(a,h)anthracene	1250	ug/kg	217	07/10/17 20:32	
EPA 8270 by SIM	Fluoranthene	8540	ug/kg	507	07/10/17 20:32	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	3370	ug/kg	214	07/10/17 20:32	
EPA 8270 by SIM	1-Methylnaphthalene	201J	ug/kg	391	07/10/17 20:32	
EPA 8270 by SIM	2-Methylnaphthalene	211J	ug/kg	487	07/10/17 20:32	
EPA 8270 by SIM	Phenanthrene	2440	ug/kg	1130	07/10/17 20:32	
EPA 8270 by SIM	Pyrene	7000	ug/kg	437	07/10/17 20:32	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152349009</b>	<b>B-15C (6-8)</b>					
EPA 8260	Naphthalene	139J	ug/kg	291	06/28/17 23:43	
EPA 8260	Toluene	75.0	ug/kg	69.9	06/28/17 23:43	
EPA 8260	1,1,1-Trichloroethane	38.1J	ug/kg	69.9	06/28/17 23:43	
EPA 8260	Trichloroethene	70.9	ug/kg	69.9	06/28/17 23:43	
EPA 8260	1,2,4-Trimethylbenzene	46.4J	ug/kg	69.9	06/28/17 23:43	
EPA 8260	Xylene (Total)	132J	ug/kg	210	06/28/17 23:43	
ASTM D2974-87	Percent Moisture	14.1	%	0.10	07/05/17 15:01	
<b>40152349010</b>	<b>B-15C (10-12)</b>					
EPA 8270 by SIM	Benzo(a)anthracene	5.0J	ug/kg	12.2	07/05/17 12:13	
EPA 8270 by SIM	Benzo(a)pyrene	3.6J	ug/kg	9.6	07/05/17 12:13	
EPA 8270 by SIM	Benzo(b)fluoranthene	7.1J	ug/kg	10.8	07/05/17 12:13	
EPA 8270 by SIM	Benzo(g,h,i)perylene	3.6J	ug/kg	7.8	07/05/17 12:13	
EPA 8270 by SIM	Chrysene	5.0J	ug/kg	12.8	07/05/17 12:13	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	2.7J	ug/kg	8.4	07/05/17 12:13	
EPA 8270 by SIM	1-Methylnaphthalene	5.0J	ug/kg	15.4	07/05/17 12:13	
EPA 8270 by SIM	2-Methylnaphthalene	8.7J	ug/kg	19.2	07/05/17 12:13	
ASTM D2974-87	Percent Moisture	12.7	%	0.10	07/05/17 15:01	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (2-4)**      **Lab ID: 40152349001**      Collected: 06/23/17 12:00      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	55.2	mg/kg	5.0	1.0	1	06/29/17 12:02	07/03/17 10:04	7440-38-2	
Lead	58.7	mg/kg	1.3	0.43	1	06/29/17 12:02	07/03/17 10:04	7439-92-1	
Selenium	<1.1	mg/kg	5.0	1.1	1	06/29/17 12:02	07/03/17 10:04	7782-49-2	
<b>8270 MSSV PAH by SIM</b>		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	45.6	ug/kg	28.9	8.7	2	07/03/17 07:35	07/10/17 21:07	83-32-9	
Acenaphthylene	47.2	ug/kg	24.7	7.4	2	07/03/17 07:35	07/10/17 21:07	208-96-8	
Anthracene	130	ug/kg	42.6	12.8	2	07/03/17 07:35	07/10/17 21:07	120-12-7	
Benzo(a)anthracene	284	ug/kg	23.8	7.1	2	07/03/17 07:35	07/10/17 21:07	56-55-3	
Benzo(a)pyrene	211	ug/kg	18.8	5.6	2	07/03/17 07:35	07/10/17 21:07	50-32-8	
Benzo(b)fluoranthene	321	ug/kg	21.1	6.3	2	07/03/17 07:35	07/10/17 21:07	205-99-2	
Benzo(g,h,i)perylene	53.5	ug/kg	15.2	4.6	2	07/03/17 07:35	07/10/17 21:07	191-24-2	
Benzo(k)fluoranthene	115	ug/kg	18.7	5.6	2	07/03/17 07:35	07/10/17 21:07	207-08-9	
Chrysene	288	ug/kg	25.1	7.6	2	07/03/17 07:35	07/10/17 21:07	218-01-9	
Dibenz(a,h)anthracene	23.1	ug/kg	16.7	5.0	2	07/03/17 07:35	07/10/17 21:07	53-70-3	
Fluoranthene	501	ug/kg	39.0	11.7	2	07/03/17 07:35	07/10/17 21:07	206-44-0	
Fluorene	40.1	ug/kg	30.9	9.3	2	07/03/17 07:35	07/10/17 21:07	86-73-7	
Indeno(1,2,3-cd)pyrene	59.3	ug/kg	16.4	4.9	2	07/03/17 07:35	07/10/17 21:07	193-39-5	
1-Methylnaphthalene	522	ug/kg	30.0	9.0	2	07/03/17 07:35	07/10/17 21:07	90-12-0	
2-Methylnaphthalene	633	ug/kg	37.4	11.2	2	07/03/17 07:35	07/10/17 21:07	91-57-6	
Naphthalene	540	ug/kg	63.0	18.9	2	07/03/17 07:35	07/10/17 21:07	91-20-3	
Phenanthrene	977	ug/kg	87.0	26.1	2	07/03/17 07:35	07/10/17 21:07	85-01-8	
Pyrene	453	ug/kg	33.6	10.1	2	07/03/17 07:35	07/10/17 21:07	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	19-96		2	07/03/17 07:35	07/10/17 21:07	321-60-8	
Terphenyl-d14 (S)	49	%	31-98		2	07/03/17 07:35	07/10/17 21:07	1718-51-0	
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	37.1J	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	71-43-2	
Bromobenzene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	108-86-1	W
Bromochloromethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	74-97-5	W
Bromodichloromethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	75-27-4	W
Bromoform	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	75-25-2	W
Bromomethane	<77.7	ug/kg	278	77.7	1	06/28/17 09:30	06/28/17 20:42	74-83-9	W
n-Butylbenzene	69.7J	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	104-51-8	
sec-Butylbenzene	48.1J	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	135-98-8	
tert-Butylbenzene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	98-06-6	W
Carbon tetrachloride	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	56-23-5	W
Chlorobenzene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	108-90-7	W
Chloroethane	<74.5	ug/kg	278	74.5	1	06/28/17 09:30	06/28/17 20:42	75-00-3	W
Chloroform	<51.6	ug/kg	278	51.6	1	06/28/17 09:30	06/28/17 20:42	67-66-3	W
Chloromethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	74-87-3	W
2-Chlorotoluene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	95-49-8	W
4-Chlorotoluene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<101	ug/kg	278	101	1	06/28/17 09:30	06/28/17 20:42	96-12-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (2-4)**      **Lab ID: 40152349001**      Collected: 06/23/17 12:00      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	124-48-1	W
1,2-Dibromoethane (EDB)	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	106-93-4	W
Dibromomethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	74-95-3	W
1,2-Dichlorobenzene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	95-50-1	W
1,3-Dichlorobenzene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	541-73-1	W
1,4-Dichlorobenzene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	106-46-7	W
Dichlorodifluoromethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	75-71-8	W
1,1-Dichloroethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	75-34-3	W
1,2-Dichloroethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	107-06-2	W
1,1-Dichloroethene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	75-35-4	W
cis-1,2-Dichloroethene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	156-59-2	W
trans-1,2-Dichloroethene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	156-60-5	W
1,2-Dichloropropane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	78-87-5	W
1,3-Dichloropropane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	142-28-9	W
2,2-Dichloropropane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	594-20-7	W
1,1-Dichloropropene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	563-58-6	W
cis-1,3-Dichloropropene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	10061-01-5	W
trans-1,3-Dichloropropene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	10061-02-6	W
Diisopropyl ether	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	108-20-3	W
Ethylbenzene	115	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	100-41-4	
Hexachloro-1,3-butadiene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	87-68-3	W
Isopropylbenzene (Cumene)	88.3	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	98-82-8	
p-Isopropyltoluene	38.4J	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	99-87-6	
Methylene Chloride	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	75-09-2	W
Methyl-tert-butyl ether	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	1634-04-4	W
Naphthalene	512	ug/kg	312	50.0	1	06/28/17 09:30	06/28/17 20:42	91-20-3	
n-Propylbenzene	107	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	103-65-1	
Styrene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	100-42-5	W
1,1,1,2-Tetrachloroethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	630-20-6	W
1,1,2,2-Tetrachloroethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	79-34-5	W
Tetrachloroethene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	127-18-4	W
Toluene	270	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	108-88-3	
1,2,3-Trichlorobenzene	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	87-61-6	W
1,2,4-Trichlorobenzene	<52.8	ug/kg	278	52.8	1	06/28/17 09:30	06/28/17 20:42	120-82-1	W
1,1,1-Trichloroethane	64.8J	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	71-55-6	
1,1,2-Trichloroethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	79-00-5	W
Trichloroethene	473	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	79-01-6	
Trichlorofluoromethane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	75-69-4	W
1,2,3-Trichloropropane	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	96-18-4	W
1,2,4-Trimethylbenzene	327	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	95-63-6	
1,3,5-Trimethylbenzene	88.1	ug/kg	74.9	31.2	1	06/28/17 09:30	06/28/17 20:42	108-67-8	
Vinyl chloride	<27.8	ug/kg	66.7	27.8	1	06/28/17 09:30	06/28/17 20:42	75-01-4	W
Xylene (Total)	703	ug/kg	225	93.6	1	06/28/17 09:30	06/28/17 20:42	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	94	%	68-130		1	06/28/17 09:30	06/28/17 20:42	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (2-4)**      **Lab ID: 40152349001**      Collected: 06/23/17 12:00      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	96	%	68-149		1	06/28/17 09:30	06/28/17 20:42	2037-26-5	
4-Bromofluorobenzene (S)	86	%	58-141		1	06/28/17 09:30	06/28/17 20:42	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>11.0</b>	%	0.10	0.10	1		06/28/17 09:09		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (6-8)**      **Lab ID: 40152349002**      Collected: 06/23/17 12:05      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>18.4J</b>	mg/kg	52.6	11.1	10	06/29/17 12:02	07/03/17 14:13	7440-38-2	D3
Lead	<b>22.8</b>	mg/kg	13.7	4.6	10	06/29/17 12:02	07/03/17 14:13	7439-92-1	
Selenium	<b>&lt;11.7</b>	mg/kg	52.6	11.7	10	06/29/17 12:02	07/03/17 14:13	7782-49-2	D3
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;350</b>	ug/kg	1160	350	80	07/03/17 07:35	07/05/17 15:43	83-32-9	
Acenaphthylene	<b>&lt;297</b>	ug/kg	991	297	80	07/03/17 07:35	07/05/17 15:43	208-96-8	
Anthracene	<b>655J</b>	ug/kg	1710	514	80	07/03/17 07:35	07/05/17 15:43	120-12-7	
Benzo(a)anthracene	<b>14500</b>	ug/kg	955	286	80	07/03/17 07:35	07/05/17 15:43	56-55-3	
Benzo(a)pyrene	<b>18600</b>	ug/kg	754	226	80	07/03/17 07:35	07/05/17 15:43	50-32-8	
Benzo(b)fluoranthene	<b>36300</b>	ug/kg	848	254	80	07/03/17 07:35	07/05/17 15:43	205-99-2	
Benzo(g,h,i)perylene	<b>15800</b>	ug/kg	610	183	80	07/03/17 07:35	07/05/17 15:43	191-24-2	
Benzo(k)fluoranthene	<b>10500</b>	ug/kg	753	226	80	07/03/17 07:35	07/05/17 15:43	207-08-9	
Chrysene	<b>23800</b>	ug/kg	1010	304	80	07/03/17 07:35	07/05/17 15:43	218-01-9	
Dibenz(a,h)anthracene	<b>4960</b>	ug/kg	671	201	80	07/03/17 07:35	07/05/17 15:43	53-70-3	
Fluoranthene	<b>24800</b>	ug/kg	1570	469	80	07/03/17 07:35	07/05/17 15:43	206-44-0	
Fluorene	<b>&lt;373</b>	ug/kg	1240	373	80	07/03/17 07:35	07/05/17 15:43	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>14600</b>	ug/kg	660	198	80	07/03/17 07:35	07/05/17 15:43	193-39-5	
1-Methylnaphthalene	<b>&lt;362</b>	ug/kg	1210	362	80	07/03/17 07:35	07/05/17 15:43	90-12-0	
2-Methylnaphthalene	<b>&lt;451</b>	ug/kg	1500	451	80	07/03/17 07:35	07/05/17 15:43	91-57-6	
Naphthalene	<b>&lt;759</b>	ug/kg	2530	759	80	07/03/17 07:35	07/05/17 15:43	91-20-3	
Phenanthrene	<b>4650</b>	ug/kg	3500	1050	80	07/03/17 07:35	07/05/17 15:43	85-01-8	
Pyrene	<b>18000</b>	ug/kg	1350	406	80	07/03/17 07:35	07/05/17 15:43	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	0	%	19-96		80	07/03/17 07:35	07/05/17 15:43	321-60-8	S4
Terphenyl-d14 (S)	0	%	31-98		80	07/03/17 07:35	07/05/17 15:43	1718-51-0	S4
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/28/17 09:30	06/28/17 21:04	74-83-9	W
n-Butylbenzene	<b>71.6</b>	ug/kg	67.5	28.1	1	06/28/17 09:30	06/28/17 21:04	104-51-8	
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/28/17 09:30	06/28/17 21:04	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/28/17 09:30	06/28/17 21:04	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/28/17 09:30	06/28/17 21:04	96-12-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (6-8)**      **Lab ID: 40152349002**      Collected: 06/23/17 12:05      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	108-20-3	W
Ethylbenzene	64.8J	ug/kg	67.5	28.1	1	06/28/17 09:30	06/28/17 21:04	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	1634-04-4	W
Naphthalene	125J	ug/kg	281	45.0	1	06/28/17 09:30	06/28/17 21:04	91-20-3	
n-Propylbenzene	72.2	ug/kg	67.5	28.1	1	06/28/17 09:30	06/28/17 21:04	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	127-18-4	W
Toluene	86.0	ug/kg	67.5	28.1	1	06/28/17 09:30	06/28/17 21:04	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/28/17 21:04	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	96-18-4	W
1,2,4-Trimethylbenzene	63.3J	ug/kg	67.5	28.1	1	06/28/17 09:30	06/28/17 21:04	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:04	75-01-4	W
Xylene (Total)	147J	ug/kg	202	84.3	1	06/28/17 09:30	06/28/17 21:04	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	102	%	68-130		1	06/28/17 09:30	06/28/17 21:04	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

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**Sample: B-15A (6-8)**      **Lab ID: 40152349002**      Collected: 06/23/17 12:05      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	68-149		1	06/28/17 09:30	06/28/17 21:04	2037-26-5	
4-Bromofluorobenzene (S)	102	%	58-141		1	06/28/17 09:30	06/28/17 21:04	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>11.0</b>	%	0.10	0.10	1		06/28/17 09:09		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (10-12)**      **Lab ID: 40152349003**      Collected: 06/23/17 12:10      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	4.1J	mg/kg	5.2	1.1	1	06/29/17 12:02	07/03/17 10:09	7440-38-2	
Lead	8.9	mg/kg	1.4	0.45	1	06/29/17 12:02	07/03/17 10:09	7439-92-1	
Selenium	<1.2	mg/kg	5.2	1.2	1	06/29/17 12:02	07/03/17 10:09	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	15.0	4.5	1	07/03/17 07:35	07/05/17 11:04	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.8	3.8	1	07/03/17 07:35	07/05/17 11:04	208-96-8	
Anthracene	7.7J	ug/kg	22.1	6.6	1	07/03/17 07:35	07/05/17 11:04	120-12-7	
Benzo(a)anthracene	31.7	ug/kg	12.3	3.7	1	07/03/17 07:35	07/05/17 11:04	56-55-3	
Benzo(a)pyrene	29.4	ug/kg	9.7	2.9	1	07/03/17 07:35	07/05/17 11:04	50-32-8	
Benzo(b)fluoranthene	53.6	ug/kg	10.9	3.3	1	07/03/17 07:35	07/05/17 11:04	205-99-2	
Benzo(g,h,i)perylene	25.5	ug/kg	7.9	2.4	1	07/03/17 07:35	07/05/17 11:04	191-24-2	
Benzo(k)fluoranthene	20.2	ug/kg	9.7	2.9	1	07/03/17 07:35	07/05/17 11:04	207-08-9	
Chrysene	46.0	ug/kg	13.0	3.9	1	07/03/17 07:35	07/05/17 11:04	218-01-9	
Dibenz(a,h)anthracene	7.9J	ug/kg	8.7	2.6	1	07/03/17 07:35	07/05/17 11:04	53-70-3	
Fluoranthene	51.2	ug/kg	20.2	6.1	1	07/03/17 07:35	07/05/17 11:04	206-44-0	
Fluorene	<4.8	ug/kg	16.0	4.8	1	07/03/17 07:35	07/05/17 11:04	86-73-7	
Indeno(1,2,3-cd)pyrene	20.8	ug/kg	8.5	2.6	1	07/03/17 07:35	07/05/17 11:04	193-39-5	
1-Methylnaphthalene	20.4	ug/kg	15.6	4.7	1	07/03/17 07:35	07/05/17 11:04	90-12-0	
2-Methylnaphthalene	26.9	ug/kg	19.4	5.8	1	07/03/17 07:35	07/05/17 11:04	91-57-6	
Naphthalene	22.6J	ug/kg	32.7	9.8	1	07/03/17 07:35	07/05/17 11:04	91-20-3	
Phenanthrene	38.3J	ug/kg	45.1	13.5	1	07/03/17 07:35	07/05/17 11:04	85-01-8	
Pyrene	42.3	ug/kg	17.4	5.2	1	07/03/17 07:35	07/05/17 11:04	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	19-96		1	07/03/17 07:35	07/05/17 11:04	321-60-8	
Terphenyl-d14 (S)	79	%	31-98		1	07/03/17 07:35	07/05/17 11:04	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 09:30	06/28/17 21:27	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 09:30	06/28/17 21:27	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 09:30	06/28/17 21:27	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 09:30	06/28/17 21:27	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (10-12)**      **Lab ID: 40152349003**      Collected: 06/23/17 12:10      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 09:30	06/28/17 21:27	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/28/17 21:27	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:27	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 09:30	06/28/17 21:27	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	68-130		1	06/28/17 09:30	06/28/17 21:27	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (10-12)**      **Lab ID: 40152349003**      Collected: 06/23/17 12:10      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	110	%	68-149		1	06/28/17 09:30	06/28/17 21:27	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	06/28/17 09:30	06/28/17 21:27	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>13.9</b>	%	0.10	0.10	1		06/28/17 09:09		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (14-16)**      **Lab ID: 40152349004**      Collected: 06/23/17 12:15      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>4.8J</b>	mg/kg	5.9	1.2	1	06/29/17 12:02	07/03/17 10:16	7440-38-2	
Lead	<b>11.6</b>	mg/kg	1.5	0.51	1	06/29/17 12:02	07/03/17 10:16	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	5.9	1.3	1	06/29/17 12:02	07/03/17 10:16	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.8</b>	ug/kg	16.0	4.8	1	07/03/17 07:35	07/05/17 11:21	83-32-9	
Acenaphthylene	<b>&lt;4.1</b>	ug/kg	13.6	4.1	1	07/03/17 07:35	07/05/17 11:21	208-96-8	
Anthracene	<b>&lt;7.1</b>	ug/kg	23.5	7.1	1	07/03/17 07:35	07/05/17 11:21	120-12-7	
Benzo(a)anthracene	<b>12.5J</b>	ug/kg	13.1	3.9	1	07/03/17 07:35	07/05/17 11:21	56-55-3	
Benzo(a)pyrene	<b>11.8</b>	ug/kg	10.4	3.1	1	07/03/17 07:35	07/05/17 11:21	50-32-8	
Benzo(b)fluoranthene	<b>14.9</b>	ug/kg	11.6	3.5	1	07/03/17 07:35	07/05/17 11:21	205-99-2	
Benzo(g,h,i)perylene	<b>8.5</b>	ug/kg	8.4	2.5	1	07/03/17 07:35	07/05/17 11:21	191-24-2	
Benzo(k)fluoranthene	<b>5.9J</b>	ug/kg	10.3	3.1	1	07/03/17 07:35	07/05/17 11:21	207-08-9	
Chrysene	<b>12.4J</b>	ug/kg	13.9	4.2	1	07/03/17 07:35	07/05/17 11:21	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.8</b>	ug/kg	9.2	2.8	1	07/03/17 07:35	07/05/17 11:21	53-70-3	
Fluoranthene	<b>22.2</b>	ug/kg	21.5	6.4	1	07/03/17 07:35	07/05/17 11:21	206-44-0	
Fluorene	<b>&lt;5.1</b>	ug/kg	17.1	5.1	1	07/03/17 07:35	07/05/17 11:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>6.6J</b>	ug/kg	9.1	2.7	1	07/03/17 07:35	07/05/17 11:21	193-39-5	
1-Methylnaphthalene	<b>&lt;5.0</b>	ug/kg	16.6	5.0	1	07/03/17 07:35	07/05/17 11:21	90-12-0	
2-Methylnaphthalene	<b>&lt;6.2</b>	ug/kg	20.7	6.2	1	07/03/17 07:35	07/05/17 11:21	91-57-6	
Naphthalene	<b>11.5J</b>	ug/kg	34.8	10.4	1	07/03/17 07:35	07/05/17 11:21	91-20-3	
Phenanthrene	<b>20.2J</b>	ug/kg	48.0	14.4	1	07/03/17 07:35	07/05/17 11:21	85-01-8	
Pyrene	<b>20.0</b>	ug/kg	18.6	5.6	1	07/03/17 07:35	07/05/17 11:21	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	56	%	19-96		1	07/03/17 07:35	07/05/17 11:21	321-60-8	
Terphenyl-d14 (S)	66	%	31-98		1	07/03/17 07:35	07/05/17 11:21	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/28/17 09:30	06/28/17 21:50	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/28/17 09:30	06/28/17 21:50	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/28/17 09:30	06/28/17 21:50	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/28/17 09:30	06/28/17 21:50	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15A (14-16)**      **Lab ID: 40152349004**      Collected: 06/23/17 12:15      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 09:30	06/28/17 21:50	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/28/17 21:50	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 21:50	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 09:30	06/28/17 21:50	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	68-130		1	06/28/17 09:30	06/28/17 21:50	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

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**Sample: B-15A (14-16)**      **Lab ID: 40152349004**      Collected: 06/23/17 12:15      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	107	%	68-149		1	06/28/17 09:30	06/28/17 21:50	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	06/28/17 09:30	06/28/17 21:50	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>19.1</b>	%	0.10	0.10	1		06/28/17 09:09		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15B (2-4)**      **Lab ID: 40152349005**      Collected: 06/23/17 12:20      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>40.0J</b>	ug/kg	61.4	18.5	4	07/03/17 07:35	07/10/17 19:58	83-32-9	
Acenaphthylene	<b>67.8</b>	ug/kg	52.4	15.7	4	07/03/17 07:35	07/10/17 19:58	208-96-8	
Anthracene	<b>134</b>	ug/kg	90.5	27.2	4	07/03/17 07:35	07/10/17 19:58	120-12-7	
Benzo(a)anthracene	<b>368</b>	ug/kg	50.5	15.1	4	07/03/17 07:35	07/10/17 19:58	56-55-3	
Benzo(a)pyrene	<b>287</b>	ug/kg	39.9	12.0	4	07/03/17 07:35	07/10/17 19:58	50-32-8	
Benzo(b)fluoranthene	<b>463</b>	ug/kg	44.8	13.4	4	07/03/17 07:35	07/10/17 19:58	205-99-2	
Benzo(g,h,i)perylene	<b>90.2</b>	ug/kg	32.2	9.7	4	07/03/17 07:35	07/10/17 19:58	191-24-2	
Benzo(k)fluoranthene	<b>145</b>	ug/kg	39.8	11.9	4	07/03/17 07:35	07/10/17 19:58	207-08-9	
Chrysene	<b>394</b>	ug/kg	53.3	16.1	4	07/03/17 07:35	07/10/17 19:58	218-01-9	
Dibenz(a,h)anthracene	<b>37.6</b>	ug/kg	35.5	10.6	4	07/03/17 07:35	07/10/17 19:58	53-70-3	
Fluoranthene	<b>508</b>	ug/kg	82.9	24.8	4	07/03/17 07:35	07/10/17 19:58	206-44-0	
Fluorene	<b>25.9J</b>	ug/kg	65.7	19.7	4	07/03/17 07:35	07/10/17 19:58	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>91.6</b>	ug/kg	34.9	10.5	4	07/03/17 07:35	07/10/17 19:58	193-39-5	
1-Methylnaphthalene	<b>418</b>	ug/kg	63.8	19.2	4	07/03/17 07:35	07/10/17 19:58	90-12-0	
2-Methylnaphthalene	<b>420</b>	ug/kg	79.5	23.8	4	07/03/17 07:35	07/10/17 19:58	91-57-6	
Naphthalene	<b>403</b>	ug/kg	134	40.1	4	07/03/17 07:35	07/10/17 19:58	91-20-3	
Phenanthrene	<b>1250</b>	ug/kg	185	55.5	4	07/03/17 07:35	07/10/17 19:58	85-01-8	
Pyrene	<b>505</b>	ug/kg	71.4	21.5	4	07/03/17 07:35	07/10/17 19:58	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	19-96		4	07/03/17 07:35	07/10/17 19:58	321-60-8	
Terphenyl-d14 (S)	53	%	31-98		4	07/03/17 07:35	07/10/17 19:58	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/28/17 09:30	06/28/17 22:12	74-83-9	W
n-Butylbenzene	<b>35.8J</b>	ug/kg	71.5	29.8	1	06/28/17 09:30	06/28/17 22:12	104-51-8	
sec-Butylbenzene	<b>32.3J</b>	ug/kg	71.5	29.8	1	06/28/17 09:30	06/28/17 22:12	135-98-8	
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/28/17 09:30	06/28/17 22:12	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/28/17 09:30	06/28/17 22:12	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/28/17 09:30	06/28/17 22:12	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	106-93-4	W
Dibromomethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15B (2-4)**      **Lab ID: 40152349005**      Collected: 06/23/17 12:20      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	1634-04-4	W
Naphthalene	85.4J	ug/kg	298	47.7	1	06/28/17 09:30	06/28/17 22:12	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	127-18-4	W
Toluene	46.5J	ug/kg	71.5	29.8	1	06/28/17 09:30	06/28/17 22:12	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/28/17 22:12	120-82-1	W
1,1,1-Trichloroethane	191	ug/kg	71.5	29.8	1	06/28/17 09:30	06/28/17 22:12	71-55-6	
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	79-00-5	W
Trichloroethene	1220	ug/kg	71.5	29.8	1	06/28/17 09:30	06/28/17 22:12	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	96-18-4	W
1,2,4-Trimethylbenzene	45.3J	ug/kg	71.5	29.8	1	06/28/17 09:30	06/28/17 22:12	95-63-6	
1,3,5-Trimethylbenzene	30.9J	ug/kg	71.5	29.8	1	06/28/17 09:30	06/28/17 22:12	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:12	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 09:30	06/28/17 22:12	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	06/28/17 09:30	06/28/17 22:12	1868-53-7	
Toluene-d8 (S)	110	%	68-149		1	06/28/17 09:30	06/28/17 22:12	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	06/28/17 09:30	06/28/17 22:12	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	16.1	%	0.10	0.10	1	06/28/17 09:09
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15B (6-8)**      **Lab ID: 40152349006**      Collected: 06/23/17 12:30      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	5.6J	ug/kg	15.4	4.6	1	07/03/17 07:35	07/05/17 11:38	83-32-9	
Acenaphthylene	<3.9	ug/kg	13.1	3.9	1	07/03/17 07:35	07/05/17 11:38	208-96-8	
Anthracene	13.1J	ug/kg	22.7	6.8	1	07/03/17 07:35	07/05/17 11:38	120-12-7	
Benzo(a)anthracene	39.2	ug/kg	12.7	3.8	1	07/03/17 07:35	07/05/17 11:38	56-55-3	
Benzo(a)pyrene	39.6	ug/kg	10	3.0	1	07/03/17 07:35	07/05/17 11:38	50-32-8	
Benzo(b)fluoranthene	56.0	ug/kg	11.2	3.4	1	07/03/17 07:35	07/05/17 11:38	205-99-2	
Benzo(g,h,i)perylene	32.3	ug/kg	8.1	2.4	1	07/03/17 07:35	07/05/17 11:38	191-24-2	
Benzo(k)fluoranthene	20.3	ug/kg	10	3.0	1	07/03/17 07:35	07/05/17 11:38	207-08-9	
Chrysene	52.3	ug/kg	13.4	4.0	1	07/03/17 07:35	07/05/17 11:38	218-01-9	
Dibenz(a,h)anthracene	8.4J	ug/kg	8.9	2.7	1	07/03/17 07:35	07/05/17 11:38	53-70-3	
Fluoranthene	74.8	ug/kg	20.8	6.2	1	07/03/17 07:35	07/05/17 11:38	206-44-0	
Fluorene	<4.9	ug/kg	16.5	4.9	1	07/03/17 07:35	07/05/17 11:38	86-73-7	
Indeno(1,2,3-cd)pyrene	25.0	ug/kg	8.7	2.6	1	07/03/17 07:35	07/05/17 11:38	193-39-5	
1-Methylnaphthalene	54.3	ug/kg	16.0	4.8	1	07/03/17 07:35	07/05/17 11:38	90-12-0	
2-Methylnaphthalene	60.3	ug/kg	19.9	6.0	1	07/03/17 07:35	07/05/17 11:38	91-57-6	
Naphthalene	44.0	ug/kg	33.5	10.1	1	07/03/17 07:35	07/05/17 11:38	91-20-3	
Phenanthrene	97.3	ug/kg	46.3	13.9	1	07/03/17 07:35	07/05/17 11:38	85-01-8	
Pyrene	72.0	ug/kg	17.9	5.4	1	07/03/17 07:35	07/05/17 11:38	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	61	%	19-96		1	07/03/17 07:35	07/05/17 11:38	321-60-8	
Terphenyl-d14 (S)	67	%	31-98		1	07/03/17 07:35	07/05/17 11:38	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 09:30	06/28/17 22:35	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 09:30	06/28/17 22:35	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 09:30	06/28/17 22:35	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 09:30	06/28/17 22:35	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	541-73-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15B (6-8)**      **Lab ID: 40152349006**      Collected: 06/23/17 12:30      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 09:30	06/28/17 22:35	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/28/17 22:35	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:35	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 09:30	06/28/17 22:35	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	88	%	68-130		1	06/28/17 09:30	06/28/17 22:35	1868-53-7	
Toluene-d8 (S)	96	%	68-149		1	06/28/17 09:30	06/28/17 22:35	2037-26-5	
4-Bromofluorobenzene (S)	84	%	58-141		1	06/28/17 09:30	06/28/17 22:35	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>16.3</b>	%	0.10	0.10	1		06/28/17 09:09		
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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15B (10-12)**      **Lab ID: 40152349007**      Collected: 06/23/17 12:40      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<5.9	ug/kg	19.7	5.9	1	07/03/17 07:35	07/05/17 11:56	83-32-9	
Acenaphthylene	<5.0	ug/kg	16.8	5.0	1	07/03/17 07:35	07/05/17 11:56	208-96-8	
Anthracene	<8.7	ug/kg	29.0	8.7	1	07/03/17 07:35	07/05/17 11:56	120-12-7	
Benzo(a)anthracene	<b>9.8J</b>	ug/kg	16.2	4.8	1	07/03/17 07:35	07/05/17 11:56	56-55-3	
Benzo(a)pyrene	<b>6.4J</b>	ug/kg	12.8	3.8	1	07/03/17 07:35	07/05/17 11:56	50-32-8	
Benzo(b)fluoranthene	<b>14.9</b>	ug/kg	14.4	4.3	1	07/03/17 07:35	07/05/17 11:56	205-99-2	
Benzo(g,h,i)perylene	<b>5.7J</b>	ug/kg	10.3	3.1	1	07/03/17 07:35	07/05/17 11:56	191-24-2	
Benzo(k)fluoranthene	<b>4.7J</b>	ug/kg	12.8	3.8	1	07/03/17 07:35	07/05/17 11:56	207-08-9	
Chrysene	<b>9.1J</b>	ug/kg	17.1	5.1	1	07/03/17 07:35	07/05/17 11:56	218-01-9	
Dibenz(a,h)anthracene	<3.4	ug/kg	11.4	3.4	1	07/03/17 07:35	07/05/17 11:56	53-70-3	
Fluoranthene	<8.0	ug/kg	26.6	8.0	1	07/03/17 07:35	07/05/17 11:56	206-44-0	
Fluorene	<6.3	ug/kg	21.1	6.3	1	07/03/17 07:35	07/05/17 11:56	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>5.0J</b>	ug/kg	11.2	3.4	1	07/03/17 07:35	07/05/17 11:56	193-39-5	
1-Methylnaphthalene	<6.1	ug/kg	20.5	6.1	1	07/03/17 07:35	07/05/17 11:56	90-12-0	
2-Methylnaphthalene	<7.6	ug/kg	25.5	7.6	1	07/03/17 07:35	07/05/17 11:56	91-57-6	
Naphthalene	<12.9	ug/kg	42.9	12.9	1	07/03/17 07:35	07/05/17 11:56	91-20-3	
Phenanthrene	<17.8	ug/kg	59.2	17.8	1	07/03/17 07:35	07/05/17 11:56	85-01-8	
Pyrene	<6.9	ug/kg	22.9	6.9	1	07/03/17 07:35	07/05/17 11:56	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	19-96		1	07/03/17 07:35	07/05/17 11:56	321-60-8	
Terphenyl-d14 (S)	78	%	31-98		1	07/03/17 07:35	07/05/17 11:56	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 09:30	06/28/17 22:58	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 09:30	06/28/17 22:58	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 09:30	06/28/17 22:58	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 09:30	06/28/17 22:58	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	541-73-1	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15B (10-12)** Lab ID: 40152349007 Collected: 06/23/17 12:40 Received: 06/27/17 09:50 Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 09:30	06/28/17 22:58	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/28/17 22:58	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 22:58	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 09:30	06/28/17 22:58	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	68-130		1	06/28/17 09:30	06/28/17 22:58	1868-53-7	
Toluene-d8 (S)	106	%	68-149		1	06/28/17 09:30	06/28/17 22:58	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	06/28/17 09:30	06/28/17 22:58	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	<b>34.6</b>	%	0.10	0.10	1		06/27/17 15:55		
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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15C (2-4)**      **Lab ID: 40152349008**      Collected: 06/23/17 13:45      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>10.2J</b>	ug/kg	13.8	4.2	1	07/03/17 07:35	07/10/17 20:15	83-32-9	
Acenaphthylene	<b>18.9</b>	ug/kg	11.8	3.5	1	07/03/17 07:35	07/10/17 20:15	208-96-8	
Anthracene	<b>32.5</b>	ug/kg	20.4	6.1	1	07/03/17 07:35	07/10/17 20:15	120-12-7	
Benzo(a)anthracene	<b>168</b>	ug/kg	11.4	3.4	1	07/03/17 07:35	07/10/17 20:15	56-55-3	
Benzo(a)pyrene	<b>161</b>	ug/kg	9.0	2.7	1	07/03/17 07:35	07/10/17 20:15	50-32-8	
Benzo(b)fluoranthene	<b>255</b>	ug/kg	10.1	3.0	1	07/03/17 07:35	07/10/17 20:15	205-99-2	
Benzo(g,h,i)perylene	<b>60.1</b>	ug/kg	7.3	2.2	1	07/03/17 07:35	07/10/17 20:15	191-24-2	
Benzo(k)fluoranthene	<b>87.3</b>	ug/kg	9.0	2.7	1	07/03/17 07:35	07/10/17 20:15	207-08-9	
Chrysene	<b>198</b>	ug/kg	12.0	3.6	1	07/03/17 07:35	07/10/17 20:15	218-01-9	
Dibenz(a,h)anthracene	<b>24.4</b>	ug/kg	8.0	2.4	1	07/03/17 07:35	07/10/17 20:15	53-70-3	
Fluoranthene	<b>284</b>	ug/kg	18.7	5.6	1	07/03/17 07:35	07/10/17 20:15	206-44-0	
Fluorene	<b>8.8J</b>	ug/kg	14.8	4.4	1	07/03/17 07:35	07/10/17 20:15	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>63.7</b>	ug/kg	7.9	2.4	1	07/03/17 07:35	07/10/17 20:15	193-39-5	
1-Methylnaphthalene	<b>113</b>	ug/kg	14.4	4.3	1	07/03/17 07:35	07/10/17 20:15	90-12-0	
2-Methylnaphthalene	<b>104</b>	ug/kg	17.9	5.4	1	07/03/17 07:35	07/10/17 20:15	91-57-6	
Naphthalene	<b>73.3</b>	ug/kg	30.1	9.0	1	07/03/17 07:35	07/10/17 20:15	91-20-3	
Phenanthrene	<b>271</b>	ug/kg	41.6	12.5	1	07/03/17 07:35	07/10/17 20:15	85-01-8	
Pyrene	<b>256</b>	ug/kg	16.1	4.8	1	07/03/17 07:35	07/10/17 20:15	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	19-96		1	07/03/17 07:35	07/10/17 20:15	321-60-8	
Terphenyl-d14 (S)	72	%	31-98		1	07/03/17 07:35	07/10/17 20:15	1718-51-0	

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	06/28/17 09:30	06/28/17 23:20	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	06/28/17 09:30	06/28/17 23:20	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	06/28/17 09:30	06/28/17 23:20	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	06/28/17 09:30	06/28/17 23:20	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	124-48-1	W
1,2-Dibromoethane (EDB)	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	106-93-4	W
Dibromomethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	74-95-3	W
1,2-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	95-50-1	W
1,3-Dichlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	541-73-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15C (2-4)**      **Lab ID: 40152349008**      Collected: 06/23/17 13:45      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	1634-04-4	W
Naphthalene	47.2J	ug/kg	268	42.9	1	06/28/17 09:30	06/28/17 23:20	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/28/17 23:20	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	79-00-5	W
Trichloroethene	108	ug/kg	64.3	26.8	1	06/28/17 09:30	06/28/17 23:20	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:20	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 09:30	06/28/17 23:20	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	120	%	68-130		1	06/28/17 09:30	06/28/17 23:20	1868-53-7	
Toluene-d8 (S)	119	%	68-149		1	06/28/17 09:30	06/28/17 23:20	2037-26-5	
4-Bromofluorobenzene (S)	108	%	58-141		1	06/28/17 09:30	06/28/17 23:20	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	6.7	%	0.10	0.10	1	06/28/17 09:09
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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15C (6-8)**      **Lab ID: 40152349009**      Collected: 06/23/17 13:50      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	136J	ug/kg	376	113	25	07/03/17 07:35	07/10/17 20:32	83-32-9	
Acenaphthylene	<96.1	ug/kg	321	96.1	25	07/03/17 07:35	07/10/17 20:32	208-96-8	
Anthracene	391J	ug/kg	554	166	25	07/03/17 07:35	07/10/17 20:32	120-12-7	
Benzo(a)anthracene	6340	ug/kg	309	92.4	25	07/03/17 07:35	07/10/17 20:32	56-55-3	
Benzo(a)pyrene	6500	ug/kg	244	73.2	25	07/03/17 07:35	07/10/17 20:32	50-32-8	
Benzo(b)fluoranthene	13500	ug/kg	274	82.3	25	07/03/17 07:35	07/10/17 20:32	205-99-2	
Benzo(g,h,i)perylene	3150	ug/kg	197	59.2	25	07/03/17 07:35	07/10/17 20:32	191-24-2	
Benzo(k)fluoranthene	4100	ug/kg	244	73.1	25	07/03/17 07:35	07/10/17 20:32	207-08-9	
Chrysene	9450	ug/kg	326	98.3	25	07/03/17 07:35	07/10/17 20:32	218-01-9	
Dibenz(a,h)anthracene	1250	ug/kg	217	65.2	25	07/03/17 07:35	07/10/17 20:32	53-70-3	
Fluoranthene	8540	ug/kg	507	152	25	07/03/17 07:35	07/10/17 20:32	206-44-0	
Fluorene	<121	ug/kg	402	121	25	07/03/17 07:35	07/10/17 20:32	86-73-7	
Indeno(1,2,3-cd)pyrene	3370	ug/kg	214	64.1	25	07/03/17 07:35	07/10/17 20:32	193-39-5	
1-Methylnaphthalene	201J	ug/kg	391	117	25	07/03/17 07:35	07/10/17 20:32	90-12-0	
2-Methylnaphthalene	211J	ug/kg	487	146	25	07/03/17 07:35	07/10/17 20:32	91-57-6	
Naphthalene	<245	ug/kg	819	245	25	07/03/17 07:35	07/10/17 20:32	91-20-3	
Phenanthrene	2440	ug/kg	1130	340	25	07/03/17 07:35	07/10/17 20:32	85-01-8	
Pyrene	7000	ug/kg	437	131	25	07/03/17 07:35	07/10/17 20:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	19-96		25	07/03/17 07:35	07/10/17 20:32	321-60-8	
Terphenyl-d14 (S)	71	%	31-98		25	07/03/17 07:35	07/10/17 20:32	1718-51-0	

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 09:30	06/28/17 23:43	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 09:30	06/28/17 23:43	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 09:30	06/28/17 23:43	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 09:30	06/28/17 23:43	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	541-73-1	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15C (6-8)**      **Lab ID: 40152349009**      Collected: 06/23/17 13:50      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	1634-04-4	W
Naphthalene	139J	ug/kg	291	46.6	1	06/28/17 09:30	06/28/17 23:43	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	127-18-4	W
Toluene	75.0	ug/kg	69.9	29.1	1	06/28/17 09:30	06/28/17 23:43	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/28/17 23:43	120-82-1	W
1,1,1-Trichloroethane	38.1J	ug/kg	69.9	29.1	1	06/28/17 09:30	06/28/17 23:43	71-55-6	
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	79-00-5	W
Trichloroethene	70.9	ug/kg	69.9	29.1	1	06/28/17 09:30	06/28/17 23:43	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	96-18-4	W
1,2,4-Trimethylbenzene	46.4J	ug/kg	69.9	29.1	1	06/28/17 09:30	06/28/17 23:43	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/28/17 23:43	75-01-4	W
Xylene (Total)	132J	ug/kg	210	87.3	1	06/28/17 09:30	06/28/17 23:43	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	68-130		1	06/28/17 09:30	06/28/17 23:43	1868-53-7	
Toluene-d8 (S)	113	%	68-149		1	06/28/17 09:30	06/28/17 23:43	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	06/28/17 09:30	06/28/17 23:43	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	14.1	%	0.10	0.10	1	07/05/17 15:01
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## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15C (10-12)**      **Lab ID: 40152349010**      Collected: 06/23/17 13:55      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	14.8	4.5	1	07/03/17 07:35	07/05/17 12:13	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.6	3.8	1	07/03/17 07:35	07/05/17 12:13	208-96-8	
Anthracene	<6.5	ug/kg	21.8	6.5	1	07/03/17 07:35	07/05/17 12:13	120-12-7	
Benzo(a)anthracene	<b>5.0J</b>	ug/kg	12.2	3.6	1	07/03/17 07:35	07/05/17 12:13	56-55-3	
Benzo(a)pyrene	<b>3.6J</b>	ug/kg	9.6	2.9	1	07/03/17 07:35	07/05/17 12:13	50-32-8	
Benzo(b)fluoranthene	<b>7.1J</b>	ug/kg	10.8	3.2	1	07/03/17 07:35	07/05/17 12:13	205-99-2	
Benzo(g,h,i)perylene	<b>3.6J</b>	ug/kg	7.8	2.3	1	07/03/17 07:35	07/05/17 12:13	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.6	2.9	1	07/03/17 07:35	07/05/17 12:13	207-08-9	
Chrysene	<b>5.0J</b>	ug/kg	12.8	3.9	1	07/03/17 07:35	07/05/17 12:13	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.5	2.6	1	07/03/17 07:35	07/05/17 12:13	53-70-3	
Fluoranthene	<6.0	ug/kg	20.0	6.0	1	07/03/17 07:35	07/05/17 12:13	206-44-0	
Fluorene	<4.7	ug/kg	15.8	4.7	1	07/03/17 07:35	07/05/17 12:13	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>2.7J</b>	ug/kg	8.4	2.5	1	07/03/17 07:35	07/05/17 12:13	193-39-5	
1-Methylnaphthalene	<b>5.0J</b>	ug/kg	15.4	4.6	1	07/03/17 07:35	07/05/17 12:13	90-12-0	
2-Methylnaphthalene	<b>8.7J</b>	ug/kg	19.2	5.7	1	07/03/17 07:35	07/05/17 12:13	91-57-6	
Naphthalene	<9.7	ug/kg	32.2	9.7	1	07/03/17 07:35	07/05/17 12:13	91-20-3	
Phenanthrene	<13.4	ug/kg	44.5	13.4	1	07/03/17 07:35	07/05/17 12:13	85-01-8	
Pyrene	<5.2	ug/kg	17.2	5.2	1	07/03/17 07:35	07/05/17 12:13	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	19-96		1	07/03/17 07:35	07/05/17 12:13	321-60-8	
Terphenyl-d14 (S)	77	%	31-98		1	07/03/17 07:35	07/05/17 12:13	1718-51-0	

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	06/28/17 09:30	06/29/17 00:06	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	06/28/17 09:30	06/29/17 00:06	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	06/28/17 09:30	06/29/17 00:06	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	06/28/17 09:30	06/29/17 00:06	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	541-73-1	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

**Sample: B-15C (10-12)**      **Lab ID: 40152349010**      Collected: 06/23/17 13:55      Received: 06/27/17 09:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	06/28/17 09:30	06/29/17 00:06	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	06/28/17 09:30	06/29/17 00:06	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	06/28/17 09:30	06/29/17 00:06	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/28/17 09:30	06/29/17 00:06	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	87	%	68-130		1	06/28/17 09:30	06/29/17 00:06	1868-53-7	
Toluene-d8 (S)	88	%	68-149		1	06/28/17 09:30	06/29/17 00:06	2037-26-5	
4-Bromofluorobenzene (S)	78	%	58-141		1	06/28/17 09:30	06/29/17 00:06	460-00-4	

**Percent Moisture**

Analytical Method: ASTM D2974-87

Percent Moisture	12.7	%	0.10	0.10	1	07/05/17 15:01
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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

QC Batch: 260145 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152349001, 40152349002, 40152349003, 40152349004

METHOD BLANK: 1532529 Matrix: Solid  
Associated Lab Samples: 40152349001, 40152349002, 40152349003, 40152349004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	07/03/17 09:47	
Lead	mg/kg	<0.43	1.3	07/03/17 09:47	
Selenium	mg/kg	<1.1	5.0	07/03/17 09:47	

LABORATORY CONTROL SAMPLE: 1532530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.0	96	80-120	
Lead	mg/kg	50	49.2	98	80-120	
Selenium	mg/kg	50	50.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1532531 1532532

Parameter	Units	40152408001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Arsenic	mg/kg	7.2	56.4	56.2	56.6	58.1	88	90	75-125	3	20		
Lead	mg/kg	21.5	56.4	56.2	70.8	73.2	87	92	75-125	3	20		
Selenium	mg/kg	<1.3	56.4	56.2	50.8	52.4	89	92	75-125	3	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

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QC Batch: 260036 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152349001, 40152349002, 40152349003, 40152349004, 40152349005, 40152349006, 40152349007, 40152349008, 40152349009, 40152349010

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METHOD BLANK: 1531520 Matrix: Solid  
Associated Lab Samples: 40152349001, 40152349002, 40152349003, 40152349004, 40152349005, 40152349006, 40152349007, 40152349008, 40152349009, 40152349010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	06/28/17 08:46	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	06/28/17 08:46	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	06/28/17 08:46	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	06/28/17 08:46	
1,1-Dichloroethane	ug/kg	<17.6	50.0	06/28/17 08:46	
1,1-Dichloroethene	ug/kg	<17.6	50.0	06/28/17 08:46	
1,1-Dichloropropene	ug/kg	<14.0	50.0	06/28/17 08:46	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	06/28/17 08:46	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	06/28/17 08:46	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	06/28/17 08:46	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	06/28/17 08:46	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	06/28/17 08:46	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	06/28/17 08:46	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	06/28/17 08:46	
1,2-Dichloroethane	ug/kg	<15.0	50.0	06/28/17 08:46	
1,2-Dichloropropane	ug/kg	<16.8	50.0	06/28/17 08:46	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	06/28/17 08:46	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	06/28/17 08:46	
1,3-Dichloropropane	ug/kg	<12.0	50.0	06/28/17 08:46	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	06/28/17 08:46	
2,2-Dichloropropane	ug/kg	<12.6	50.0	06/28/17 08:46	
2-Chlorotoluene	ug/kg	<15.8	50.0	06/28/17 08:46	
4-Chlorotoluene	ug/kg	<13.0	50.0	06/28/17 08:46	
Benzene	ug/kg	<9.2	20.0	06/28/17 08:46	
Bromobenzene	ug/kg	<20.6	50.0	06/28/17 08:46	
Bromochloromethane	ug/kg	<21.4	50.0	06/28/17 08:46	
Bromodichloromethane	ug/kg	<9.8	50.0	06/28/17 08:46	
Bromoform	ug/kg	<19.8	50.0	06/28/17 08:46	
Bromomethane	ug/kg	<69.9	250	06/28/17 08:46	
Carbon tetrachloride	ug/kg	<12.1	50.0	06/28/17 08:46	
Chlorobenzene	ug/kg	<14.8	50.0	06/28/17 08:46	
Chloroethane	ug/kg	<67.0	250	06/28/17 08:46	
Chloroform	ug/kg	<46.4	250	06/28/17 08:46	
Chloromethane	ug/kg	<20.4	50.0	06/28/17 08:46	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	06/28/17 08:46	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	06/28/17 08:46	
Dibromochloromethane	ug/kg	<17.9	50.0	06/28/17 08:46	
Dibromomethane	ug/kg	<19.3	50.0	06/28/17 08:46	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	06/28/17 08:46	
Diisopropyl ether	ug/kg	<17.7	50.0	06/28/17 08:46	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

METHOD BLANK: 1531520 Matrix: Solid  
Associated Lab Samples: 40152349001, 40152349002, 40152349003, 40152349004, 40152349005, 40152349006, 40152349007, 40152349008, 40152349009, 40152349010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	06/28/17 08:46	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	06/28/17 08:46	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	06/28/17 08:46	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	06/28/17 08:46	
Methylene Chloride	ug/kg	67.1	50.0	06/28/17 08:46	
n-Butylbenzene	ug/kg	<10.5	50.0	06/28/17 08:46	
n-Propylbenzene	ug/kg	<11.6	50.0	06/28/17 08:46	
Naphthalene	ug/kg	<40.0	250	06/28/17 08:46	
p-Isopropyltoluene	ug/kg	<12.0	50.0	06/28/17 08:46	
sec-Butylbenzene	ug/kg	<11.9	50.0	06/28/17 08:46	
Styrene	ug/kg	<9.0	50.0	06/28/17 08:46	
tert-Butylbenzene	ug/kg	<9.5	50.0	06/28/17 08:46	
Tetrachloroethene	ug/kg	<12.9	50.0	06/28/17 08:46	
Toluene	ug/kg	<11.2	50.0	06/28/17 08:46	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	06/28/17 08:46	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	06/28/17 08:46	
Trichloroethene	ug/kg	<23.6	50.0	06/28/17 08:46	
Trichlorofluoromethane	ug/kg	<24.7	50.0	06/28/17 08:46	
Vinyl chloride	ug/kg	<21.1	50.0	06/28/17 08:46	
Xylene (Total)	ug/kg	<48.4	150	06/28/17 08:46	
4-Bromofluorobenzene (S)	%	93	58-141	06/28/17 08:46	
Dibromofluoromethane (S)	%	101	68-130	06/28/17 08:46	
Toluene-d8 (S)	%	103	68-149	06/28/17 08:46	

LABORATORY CONTROL SAMPLE: 1531521

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2470	99	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2560	102	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2600	104	70-130	
1,1-Dichloroethane	ug/kg	2500	2260	90	63-124	
1,1-Dichloroethene	ug/kg	2500	2450	98	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2420	97	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2190	88	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2570	103	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2610	104	70-130	
1,2-Dichloroethane	ug/kg	2500	2810	112	56-135	
1,2-Dichloropropane	ug/kg	2500	2360	94	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2570	103	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
Benzene	ug/kg	2500	2320	93	66-130	
Bromodichloromethane	ug/kg	2500	2460	98	62-135	
Bromoform	ug/kg	2500	2270	91	68-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

LABORATORY CONTROL SAMPLE: 1531521

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2330	93	29-137	
Carbon tetrachloride	ug/kg	2500	2500	100	57-130	
Chlorobenzene	ug/kg	2500	2530	101	70-130	
Chloroethane	ug/kg	2500	2670	107	36-144	
Chloroform	ug/kg	2500	2500	100	69-115	
Chloromethane	ug/kg	2500	1670	67	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2230	89	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2320	93	70-130	
Dibromochloromethane	ug/kg	2500	2330	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1440	57	10-99	
Ethylbenzene	ug/kg	2500	2520	101	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2290	91	63-134	
Methylene Chloride	ug/kg	2500	2760	110	56-123	
Styrene	ug/kg	2500	2470	99	70-130	
Tetrachloroethene	ug/kg	2500	2510	101	70-131	
Toluene	ug/kg	2500	2480	99	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2340	94	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2420	97	68-130	
Trichloroethene	ug/kg	2500	2580	103	70-130	
Trichlorofluoromethane	ug/kg	2500	2830	113	37-149	
Vinyl chloride	ug/kg	2500	2020	81	43-128	
Xylene (Total)	ug/kg	7500	7280	97	70-130	
4-Bromofluorobenzene (S)	%			97	58-141	
Dibromofluoromethane (S)	%			99	68-130	
Toluene-d8 (S)	%			103	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1531522 1531523

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152256001	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1440	1440	1310	1360	91	94	57-123	4	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1440	1440	1420	1540	98	107	73-135	8	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1440	1440	1460	1520	101	105	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1440	1440	1310	1360	91	94	63-124	3	20		
1,1-Dichloroethene	ug/kg	<25.0	1440	1440	1280	1400	89	97	48-117	8	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1440	1440	1550	1530	107	106	78-145	1	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1440	1440	1290	1460	89	101	38-168	13	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1440	1440	1490	1500	103	104	70-130	1	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1440	1440	1510	1600	105	111	70-130	6	20		
1,2-Dichloroethane	ug/kg	<25.0	1440	1440	1680	1680	116	116	56-145	0	20		
1,2-Dichloropropane	ug/kg	<25.0	1440	1440	1390	1410	96	97	77-123	1	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1440	1440	1500	1540	104	106	70-130	3	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1440	1440	1450	1540	100	106	70-130	6	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

Parameter	Units	40152256001		1531522		1531523		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Benzene	ug/kg	<25.0	1440	1440	1340	1370	93	95	65-130	2	20		
Bromodichloromethane	ug/kg	<25.0	1440	1440	1380	1410	95	97	59-141	2	20		
Bromoform	ug/kg	<25.0	1440	1440	1190	1290	82	89	59-141	9	20		
Bromomethane	ug/kg	<69.9	1440	1440	1320	1260	92	87	28-139	5	20		
Carbon tetrachloride	ug/kg	<25.0	1440	1440	1340	1330	93	92	50-130	0	20		
Chlorobenzene	ug/kg	<25.0	1440	1440	1470	1520	102	105	70-130	3	20		
Chloroethane	ug/kg	<67.0	1440	1440	1470	1520	102	105	36-144	4	20		
Chloroform	ug/kg	<46.4	1440	1440	1480	1510	103	104	68-122	2	20		
Chloromethane	ug/kg	<25.0	1440	1440	867	859	60	59	30-126	1	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1440	1440	1360	1340	94	93	63-130	2	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1440	1440	1280	1300	89	90	70-130	1	20		
Dibromochloromethane	ug/kg	<25.0	1440	1440	1280	1290	88	89	66-136	1	20		
Dichlorodifluoromethane	ug/kg	<25.0	1440	1440	547	578	38	40	10-99	6	33		
Ethylbenzene	ug/kg	<25.0	1440	1440	1420	1420	99	98	80-122	0	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1440	1440	1330	1370	92	95	70-130	3	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1440	1440	1370	1460	95	101	63-134	7	20		
Methylene Chloride	ug/kg	<25.0	1440	1440	1610	1580	111	109	56-127	2	20		
Styrene	ug/kg	<25.0	1440	1440	1410	1430	98	99	70-130	1	20		
Tetrachloroethene	ug/kg	<25.0	1440	1440	1430	1410	99	97	70-131	1	20		
Toluene	ug/kg	<25.0	1440	1440	1440	1470	100	102	80-120	2	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1440	1440	1380	1350	96	93	60-130	2	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1440	1440	1360	1330	94	92	68-130	2	20		
Trichloroethene	ug/kg	<25.0	1440	1440	1460	1430	101	99	70-130	2	20		
Trichlorofluoromethane	ug/kg	<25.0	1440	1440	1380	1490	95	103	37-149	8	24		
Vinyl chloride	ug/kg	<25.0	1440	1440	1010	1050	70	73	39-128	4	20		
Xylene (Total)	ug/kg	<75.0	4330	4330	4080	4200	94	97	70-130	3	20		
4-Bromofluorobenzene (S)	%						100	100	58-141				
Dibromofluoromethane (S)	%						107	108	68-130				
Toluene-d8 (S)	%						108	106	68-149				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

QC Batch: 260368 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152349001, 40152349002, 40152349003, 40152349004, 40152349005, 40152349006, 40152349007, 40152349008, 40152349009, 40152349010

METHOD BLANK: 1534589 Matrix: Solid  
Associated Lab Samples: 40152349001, 40152349002, 40152349003, 40152349004, 40152349005, 40152349006, 40152349007, 40152349008, 40152349009, 40152349010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/03/17 18:20	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/03/17 18:20	
Acenaphthene	ug/kg	<3.9	12.9	07/03/17 18:20	
Acenaphthylene	ug/kg	<3.3	11.0	07/03/17 18:20	
Anthracene	ug/kg	<5.7	19.0	07/03/17 18:20	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/03/17 18:20	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/03/17 18:20	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/03/17 18:20	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/03/17 18:20	
Benzo(k)fluoranthene	ug/kg	<2.5	8.3	07/03/17 18:20	
Chrysene	ug/kg	<3.4	11.2	07/03/17 18:20	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	07/03/17 18:20	
Fluoranthene	ug/kg	<5.2	17.4	07/03/17 18:20	
Fluorene	ug/kg	<4.1	13.8	07/03/17 18:20	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/03/17 18:20	
Naphthalene	ug/kg	<8.4	28.1	07/03/17 18:20	
Phenanthrene	ug/kg	<11.6	38.7	07/03/17 18:20	
Pyrene	ug/kg	<4.5	15.0	07/03/17 18:20	
2-Fluorobiphenyl (S)	%	73	19-96	07/03/17 18:20	
Terphenyl-d14 (S)	%	84	31-98	07/03/17 18:20	

LABORATORY CONTROL SAMPLE: 1534590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	289	87	49-102	
2-Methylnaphthalene	ug/kg	334	285	85	47-91	
Acenaphthene	ug/kg	334	302	90	52-97	
Acenaphthylene	ug/kg	334	294	88	49-97	
Anthracene	ug/kg	334	311	93	62-101	
Benzo(a)anthracene	ug/kg	334	282	84	53-95	
Benzo(a)pyrene	ug/kg	334	317	95	57-108	
Benzo(b)fluoranthene	ug/kg	334	315	94	53-113	
Benzo(g,h,i)perylene	ug/kg	334	366	110	43-114	
Benzo(k)fluoranthene	ug/kg	334	316	95	66-116	
Chrysene	ug/kg	334	311	93	64-109	
Dibenz(a,h)anthracene	ug/kg	334	319	96	50-105	
Fluoranthene	ug/kg	334	298	89	58-107	
Fluorene	ug/kg	334	293	88	52-99	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

LABORATORY CONTROL SAMPLE: 1534590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	334	324	97	51-113	
Naphthalene	ug/kg	334	282	84	50-91	
Phenanthrene	ug/kg	334	300	90	57-101	
Pyrene	ug/kg	334	283	85	50-102	
2-Fluorobiphenyl (S)	%			80	19-96	
Terphenyl-d14 (S)	%			85	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1534591 1534592

Parameter	Units	40152350002		1534591		1534592		% Rec	% Rec	% Rec Limits	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					
1-Methylnaphthalene	ug/kg	4.8J	393	393	302	291	76	73	37-102	4	29	
2-Methylnaphthalene	ug/kg	<5.9	393	393	282	287	71	72	44-91	2	36	
Acenaphthene	ug/kg	<4.6	393	393	293	308	75	78	46-97	5	26	
Acenaphthylene	ug/kg	<3.9	393	393	286	300	73	76	47-97	5	29	
Anthracene	ug/kg	<6.7	393	393	294	309	75	78	50-101	5	28	
Benzo(a)anthracene	ug/kg	<3.7	393	393	274	286	69	72	48-95	4	28	
Benzo(a)pyrene	ug/kg	<3.0	393	393	294	314	74	79	47-108	7	36	
Benzo(b)fluoranthene	ug/kg	<3.3	393	393	297	316	75	80	42-113	6	34	
Benzo(g,h,i)perylene	ug/kg	2.8J	393	393	330	345	83	87	18-114	5	30	
Benzo(k)fluoranthene	ug/kg	<3.0	393	393	297	319	75	81	50-116	7	27	
Chrysene	ug/kg	<4.0	393	393	294	307	74	77	55-109	4	28	
Dibenz(a,h)anthracene	ug/kg	<2.6	393	393	312	330	79	84	39-105	6	29	
Fluoranthene	ug/kg	<6.1	393	393	283	295	71	74	41-107	4	28	
Fluorene	ug/kg	<4.9	393	393	287	300	73	76	48-99	4	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.6	393	393	308	324	79	82	27-113	5	30	
Naphthalene	ug/kg	<9.9	393	393	289	300	73	75	40-91	4	37	
Phenanthrene	ug/kg	<13.8	393	393	288	299	72	75	46-101	4	40	
Pyrene	ug/kg	<5.3	393	393	283	292	71	73	50-102	3	31	
2-Fluorobiphenyl (S)	%						62	63	19-96			
Terphenyl-d14 (S)	%						69	73	31-98			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

QC Batch: 259932

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152349007

SAMPLE DUPLICATE: 1531033

Parameter	Units	40152319003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.8	7.0	10	10	

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

QC Batch: 259981

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152349001, 40152349002, 40152349003, 40152349004, 40152349005, 40152349006, 40152349008

SAMPLE DUPLICATE: 1531155

Parameter	Units	40152348007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	39.1	38.5	2	10	

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

QC Batch: 260642

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40152349009, 40152349010

SAMPLE DUPLICATE: 1535331

Parameter	Units	40152717002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.7	4.8	3	10	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152349

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### WORKORDER QUALIFIERS

WO: 40152349

[1] A field labeling issue may have caused transposed data for PAH and Metals on samples 40152349009 and 010.

### ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152349

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152349001	B-15A (2-4)	EPA 3050	260145	EPA 6010	260251
40152349002	B-15A (6-8)	EPA 3050	260145	EPA 6010	260251
40152349003	B-15A (10-12)	EPA 3050	260145	EPA 6010	260251
40152349004	B-15A (14-16)	EPA 3050	260145	EPA 6010	260251
40152349001	B-15A (2-4)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349002	B-15A (6-8)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349003	B-15A (10-12)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349004	B-15A (14-16)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349005	B-15B (2-4)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349006	B-15B (6-8)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349007	B-15B (10-12)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349008	B-15C (2-4)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349009	B-15C (6-8)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349010	B-15C (10-12)	EPA 3546	260368	EPA 8270 by SIM	260442
40152349001	B-15A (2-4)	EPA 5035/5030B	260036	EPA 8260	260038
40152349002	B-15A (6-8)	EPA 5035/5030B	260036	EPA 8260	260038
40152349003	B-15A (10-12)	EPA 5035/5030B	260036	EPA 8260	260038
40152349004	B-15A (14-16)	EPA 5035/5030B	260036	EPA 8260	260038
40152349005	B-15B (2-4)	EPA 5035/5030B	260036	EPA 8260	260038
40152349006	B-15B (6-8)	EPA 5035/5030B	260036	EPA 8260	260038
40152349007	B-15B (10-12)	EPA 5035/5030B	260036	EPA 8260	260038
40152349008	B-15C (2-4)	EPA 5035/5030B	260036	EPA 8260	260038
40152349009	B-15C (6-8)	EPA 5035/5030B	260036	EPA 8260	260038
40152349010	B-15C (10-12)	EPA 5035/5030B	260036	EPA 8260	260038
40152349001	B-15A (2-4)	ASTM D2974-87	259981		
40152349002	B-15A (6-8)	ASTM D2974-87	259981		
40152349003	B-15A (10-12)	ASTM D2974-87	259981		
40152349004	B-15A (14-16)	ASTM D2974-87	259981		
40152349005	B-15B (2-4)	ASTM D2974-87	259981		
40152349006	B-15B (6-8)	ASTM D2974-87	259981		
40152349007	B-15B (10-12)	ASTM D2974-87	259932		
40152349008	B-15C (2-4)	ASTM D2974-87	259981		
40152349009	B-15C (6-8)	ASTM D2974-87	260642		
40152349010	B-15C (10-12)	ASTM D2974-87	260642		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40152349

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:	
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:	
Phone: 262-544-0118 Fax:		Project Name: The Couture		Pace Quote Reference:	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:	
				Pace Profile #:	

Page:            of           

**REGULATORY AGENCY**

NPDES     GROUND WATER     DRINKING WATER

UST     RCRA     OTHER

**Site Location**    WI

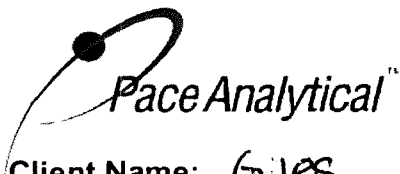
**STATE:**           

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test VOC PAH Arsenic Lead Selenium Mercury	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.					
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other	Y/N										
					DATE	TIME	DATE	TIME																					
1	B-15A (2-4) 001		SL	G	6/23/17	12:10			2	x																			
2	B-15A (6-8) 002		SL	G		12:05			2	x																			
3	B-15A (10-12) 003		SL	G		12:10			2	x																			
4	B-15A (14-16) 004		SL	G		12:15			2	x																			
5	B-15B (2-4) 005		SL	G		12:20			2	x																			
6	B-15B (6-8) 006		SL	G		12:30			2	x																			
7	B-15B (10-12) 007		SL	G		12:35			2	x																			
8	B-15C (2-4) 008		SL	G		12:45			2	x																			
9	B-15C (6-8) 009		SL	G		12:50			2	x																			
10	B-15C (10-12) 010		SL	G		1:13:55			2	x																			
11			SL	G					2	x																			
12			SL	G					2	x																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	<i>[Signature]</i> / Giles	6/23/17	9:00	Mary Fannin	6/23/17	11:20			
	Mary Fannin CS Logistics	4/26/17	11:50	CS Logistics					
	CS Logistics	6/21/17	0820	Karen Lee Rae	6/21/17	0820	1.5	Y	Y

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden					
SIGNATURE of SAMPLER:					

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.



Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302

Project # **WO# : 40152349**

Client Name: Giles

Courier:  Fed Ex  UPS  Client  Pace Other: CS Logistics



Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used ST-100 Type of Ice:  Ice  Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1 / Corr: 1.5 Biological Tissue is Frozen:  yes

Temp Blank Present:  yes  no  no

Person examining contents:  
Date: 6/21/17  
Initials: RMW

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. NO times on all 4oz bag and 4oz vial (all)
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>003, 004, 009, 010 4ozp. ① RMW 6/21/17</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

① NO date on 4ozp or 4oz bag or 4oz vial (all) RMW 6/21/17 009 & 010 have same label ID with no times/dates PM is contacting client RMW 6/21/17

Project Manager Review: RMW for DM Date: 7/3/17

July 17, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on July 08, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

---

### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152927001	B-15AA 2-4	Solid	07/07/17 10:00	07/08/17 08:10
40152927002	B-15AA 4-6	Solid	07/07/17 10:05	07/08/17 08:10
40152927003	B-15AA 6-8	Solid	07/07/17 10:10	07/08/17 08:10
40152927004	B-15BB 2-4	Solid	07/07/17 10:20	07/08/17 08:10
40152927005	B-15BB 4-6	Solid	07/07/17 10:25	07/08/17 08:10
40152927006	B-15BB 6-8	Solid	07/07/17 10:30	07/08/17 08:10
40152927007	B-15CC 2-4	Solid	07/07/17 10:40	07/08/17 08:10
40152927008	B-15CC 4-6	Solid	07/07/17 10:45	07/08/17 08:10
40152927009	B-15CC 6-8	Solid	07/07/17 10:50	07/08/17 08:10

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152927001	B-15AA 2-4	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152927002	B-15AA 4-6	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152927003	B-15AA 6-8	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152927004	B-15BB 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152927005	B-15BB 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152927006	B-15BB 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152927007	B-15CC 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152927008	B-15CC 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152927009	B-15CC 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152927001</b>	<b>B-15AA 2-4</b>					
EPA 6010	Arsenic	12.3	mg/kg	5.7	07/12/17 18:22	
EPA 6010	Lead	121	mg/kg	1.5	07/12/17 18:22	
EPA 7471	Mercury	0.13	mg/kg	0.043	07/12/17 11:29	
EPA 8260	n-Butylbenzene	80.2	ug/kg	71.4	07/12/17 03:43	
EPA 8260	sec-Butylbenzene	52.8J	ug/kg	71.4	07/12/17 03:43	
EPA 8260	p-Isopropyltoluene	36.9J	ug/kg	71.4	07/12/17 03:43	
EPA 8260	Naphthalene	180J	ug/kg	297	07/12/17 03:43	
EPA 8260	n-Propylbenzene	41.9J	ug/kg	71.4	07/12/17 03:43	
EPA 8260	Toluene	81.9	ug/kg	71.4	07/12/17 03:43	
EPA 8260	1,1,1-Trichloroethane	266	ug/kg	71.4	07/12/17 03:43	
EPA 8260	Trichloroethene	455	ug/kg	71.4	07/12/17 03:43	
EPA 8260	1,2,4-Trimethylbenzene	142	ug/kg	71.4	07/12/17 03:43	
EPA 8260	1,3,5-Trimethylbenzene	80.1	ug/kg	71.4	07/12/17 03:43	
EPA 8260	Xylene (Total)	293	ug/kg	214	07/12/17 03:43	
ASTM D2974-87	Percent Moisture	16.0	%	0.10	07/12/17 10:17	
<b>40152927002</b>	<b>B-15AA 4-6</b>					
EPA 6010	Arsenic	8.2	mg/kg	6.0	07/12/17 18:25	
EPA 6010	Lead	47.1	mg/kg	1.6	07/12/17 18:25	
EPA 7471	Mercury	0.22	mg/kg	0.042	07/12/17 11:36	
ASTM D2974-87	Percent Moisture	17.7	%	0.10	07/12/17 10:17	
<b>40152927003</b>	<b>B-15AA 6-8</b>					
EPA 6010	Arsenic	15.8J	mg/kg	53.8	07/13/17 10:23	D3
EPA 6010	Lead	23.0	mg/kg	14.0	07/13/17 10:23	
EPA 7471	Mercury	0.024J	mg/kg	0.041	07/12/17 11:43	
EPA 8260	Naphthalene	70.6J	ug/kg	285	07/11/17 21:27	
EPA 8260	Toluene	41.6J	ug/kg	68.3	07/11/17 21:27	
ASTM D2974-87	Percent Moisture	12.2	%	0.10	07/12/17 10:17	
<b>40152927004</b>	<b>B-15BB 2-4</b>					
ASTM D2974-87	Percent Moisture	5.6	%	0.10	07/12/17 10:17	
<b>40152927005</b>	<b>B-15BB 4-6</b>					
EPA 8260	Toluene	39.8J	ug/kg	84.3	07/11/17 22:13	
ASTM D2974-87	Percent Moisture	15.3	%	0.10	07/12/17 10:17	
<b>40152927006</b>	<b>B-15BB 6-8</b>					
EPA 8260	Naphthalene	138J	ug/kg	399	07/11/17 22:35	
ASTM D2974-87	Percent Moisture	16.6	%	0.10	07/12/17 10:17	
<b>40152927007</b>	<b>B-15CC 2-4</b>					
EPA 8260	Naphthalene	51.6J	ug/kg	272	07/11/17 22:58	
EPA 8260	Trichloroethene	81.2	ug/kg	65.3	07/11/17 22:58	
ASTM D2974-87	Percent Moisture	8.0	%	0.10	07/12/17 10:18	
<b>40152927008</b>	<b>B-15CC 4-6</b>					
EPA 8260	Toluene	39.1J	ug/kg	68.9	07/12/17 12:30	
EPA 8260	1,1,1-Trichloroethane	43.6J	ug/kg	68.9	07/12/17 12:30	
EPA 8260	Trichloroethene	127	ug/kg	68.9	07/12/17 12:30	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152927008</b>	<b>B-15CC 4-6</b>					
ASTM D2974-87	Percent Moisture	12.9	%	0.10	07/12/17 10:18	
<b>40152927009</b>	<b>B-15CC 6-8</b>					
ASTM D2974-87	Percent Moisture	12.6	%	0.10	07/12/17 10:18	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15AA 2-4**      **Lab ID: 40152927001**      Collected: 07/07/17 10:00      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	12.3	mg/kg	5.7	1.2	1	07/11/17 16:04	07/12/17 18:22	7440-38-2	
Lead	121	mg/kg	1.5	0.49	1	07/11/17 16:04	07/12/17 18:22	7439-92-1	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.13	mg/kg	0.043	0.013	1	07/11/17 07:00	07/12/17 11:29	7439-97-6	
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 03:43	74-83-9	W
n-Butylbenzene	80.2	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	104-51-8	
sec-Butylbenzene	52.8J	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	135-98-8	
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 03:43	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 03:43	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 03:43	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	87-68-3	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Sample: B-15AA 2-4 Lab ID: 40152927001 Collected: 07/07/17 10:00 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	98-82-8	W
p-Isopropyltoluene	36.9J	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	99-87-6	
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	1634-04-4	W
Naphthalene	180J	ug/kg	297	47.6	1	07/11/17 12:45	07/12/17 03:43	91-20-3	
n-Propylbenzene	41.9J	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	127-18-4	W
Toluene	81.9	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 03:43	120-82-1	W
1,1,1-Trichloroethane	266	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	71-55-6	
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	79-00-5	W
Trichloroethene	455	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	96-18-4	W
1,2,4-Trimethylbenzene	142	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	95-63-6	
1,3,5-Trimethylbenzene	80.1	ug/kg	71.4	29.7	1	07/11/17 12:45	07/12/17 03:43	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 03:43	75-01-4	W
Xylene (Total)	293	ug/kg	214	89.2	1	07/11/17 12:45	07/12/17 03:43	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	114	%	68-130		1	07/11/17 12:45	07/12/17 03:43	1868-53-7	
Toluene-d8 (S)	107	%	68-149		1	07/11/17 12:45	07/12/17 03:43	2037-26-5	
4-Bromofluorobenzene (S)	94	%	58-141		1	07/11/17 12:45	07/12/17 03:43	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	16.0	%	0.10	0.10	1		07/12/17 10:17		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Sample: B-15AA 4-6 Lab ID: 40152927002 Collected: 07/07/17 10:05 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	8.2	mg/kg	6.0	1.3	1	07/11/17 16:04	07/12/17 18:25	7440-38-2	
Lead	47.1	mg/kg	1.6	0.52	1	07/11/17 16:04	07/12/17 18:25	7439-92-1	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.22	mg/kg	0.042	0.013	1	07/11/17 07:00	07/12/17 11:36	7439-97-6	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 19:57	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 19:57	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 19:57	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 19:57	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/12/17 10:13	87-68-3	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15AA 4-6**      **Lab ID: 40152927002**      Collected: 07/07/17 10:05      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 19:57	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 19:57	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 19:57	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 19:57	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	68-130		1	07/11/17 08:00	07/11/17 19:57	1868-53-7	
Toluene-d8 (S)	116	%	68-149		1	07/11/17 08:00	07/11/17 19:57	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	07/11/17 08:00	07/11/17 19:57	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	17.7	%	0.10	0.10	1		07/12/17 10:17		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15AA 6-8**      **Lab ID: 40152927003**      Collected: 07/07/17 10:10      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>15.8J</b>	mg/kg	53.8	11.3	10	07/11/17 16:04	07/13/17 10:23	7440-38-2	D3
Lead	<b>23.0</b>	mg/kg	14.0	4.7	10	07/11/17 16:04	07/13/17 10:23	7439-92-1	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<b>0.024J</b>	mg/kg	0.041	0.012	1	07/11/17 07:00	07/12/17 11:43	7439-97-6	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	71-43-2	W
Bromobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	108-86-1	W
Bromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	74-97-5	W
Bromodichloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	75-27-4	W
Bromoform	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	75-25-2	W
Bromomethane	< <b>69.9</b>	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 21:27	74-83-9	W
n-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	104-51-8	W
sec-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	135-98-8	W
tert-Butylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	98-06-6	W
Carbon tetrachloride	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	56-23-5	W
Chlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	108-90-7	W
Chloroethane	< <b>67.0</b>	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 21:27	75-00-3	W
Chloroform	< <b>46.4</b>	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 21:27	67-66-3	W
Chloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	74-87-3	W
2-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	95-49-8	W
4-Chlorotoluene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	106-43-4	W
1,2-Dibromo-3-chloropropane	< <b>91.2</b>	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 21:27	96-12-8	W
Dibromochloromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	124-48-1	W
1,2-Dibromoethane (EDB)	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	106-93-4	W
Dibromomethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	74-95-3	W
1,2-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	95-50-1	W
1,3-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	541-73-1	W
1,4-Dichlorobenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	106-46-7	W
Dichlorodifluoromethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	75-71-8	W
1,1-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	75-34-3	W
1,2-Dichloroethane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	107-06-2	W
1,1-Dichloroethene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	75-35-4	W
cis-1,2-Dichloroethene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	156-59-2	W
trans-1,2-Dichloroethene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	156-60-5	W
1,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	78-87-5	W
1,3-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	142-28-9	W
2,2-Dichloropropane	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	594-20-7	W
1,1-Dichloropropene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	563-58-6	W
cis-1,3-Dichloropropene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	10061-01-5	W
trans-1,3-Dichloropropene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	10061-02-6	W
Diisopropyl ether	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	108-20-3	W
Ethylbenzene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	100-41-4	W
Hexachloro-1,3-butadiene	< <b>25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	87-68-3	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15AA 6-8**      **Lab ID: 40152927003**      Collected: 07/07/17 10:10      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	1634-04-4	W
Naphthalene	70.6J	ug/kg	285	45.6	1	07/11/17 08:00	07/11/17 21:27	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	127-18-4	W
Toluene	41.6J	ug/kg	68.3	28.5	1	07/11/17 08:00	07/11/17 21:27	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 21:27	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:27	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 21:27	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	68-130		1	07/11/17 08:00	07/11/17 21:27	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	07/11/17 08:00	07/11/17 21:27	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	07/11/17 08:00	07/11/17 21:27	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	12.2	%	0.10	0.10	1		07/12/17 10:17		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Sample: B-15BB 2-4 Lab ID: 40152927004 Collected: 07/07/17 10:20 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 21:50	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 21:50	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 21:50	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 21:50	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 21:50	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15BB 2-4**      **Lab ID: 40152927004**      Collected: 07/07/17 10:20      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 21:50	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:50	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 21:50	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	68-130		1	07/11/17 08:00	07/11/17 21:50	1868-53-7	
Toluene-d8 (S)	121	%	68-149		1	07/11/17 08:00	07/11/17 21:50	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	07/11/17 08:00	07/11/17 21:50	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	5.6	%	0.10	0.10	1		07/12/17 10:17		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Sample: B-15BB 4-6 Lab ID: 40152927005 Collected: 07/07/17 10:25 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	71-43-2	W
Bromobenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	108-86-1	W
Bromochloromethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	74-97-5	W
Bromodichloromethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	75-27-4	W
Bromoform	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	75-25-2	W
Bromomethane	<83.2	ug/kg	298	83.2	1	07/11/17 08:00	07/11/17 22:13	74-83-9	W
n-Butylbenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	104-51-8	W
sec-Butylbenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	135-98-8	W
tert-Butylbenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	98-06-6	W
Carbon tetrachloride	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	56-23-5	W
Chlorobenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	108-90-7	W
Chloroethane	<79.8	ug/kg	298	79.8	1	07/11/17 08:00	07/11/17 22:13	75-00-3	W
Chloroform	<55.3	ug/kg	298	55.3	1	07/11/17 08:00	07/11/17 22:13	67-66-3	W
Chloromethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	74-87-3	W
2-Chlorotoluene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	95-49-8	W
4-Chlorotoluene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	106-43-4	W
1,2-Dibromo-3-chloropropane	<109	ug/kg	298	109	1	07/11/17 08:00	07/11/17 22:13	96-12-8	W
Dibromochloromethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	124-48-1	W
1,2-Dibromoethane (EDB)	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	106-93-4	W
Dibromomethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	74-95-3	W
1,2-Dichlorobenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	95-50-1	W
1,3-Dichlorobenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	541-73-1	W
1,4-Dichlorobenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	106-46-7	W
Dichlorodifluoromethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	75-71-8	W
1,1-Dichloroethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	75-34-3	W
1,2-Dichloroethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	107-06-2	W
1,1-Dichloroethene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	75-35-4	W
cis-1,2-Dichloroethene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	156-59-2	W
trans-1,2-Dichloroethene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	156-60-5	W
1,2-Dichloropropane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	78-87-5	W
1,3-Dichloropropane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	142-28-9	W
2,2-Dichloropropane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	594-20-7	W
1,1-Dichloropropene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	563-58-6	W
cis-1,3-Dichloropropene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	10061-01-5	W
trans-1,3-Dichloropropene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	10061-02-6	W
Diisopropyl ether	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	108-20-3	W
Ethylbenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	100-41-4	W
Hexachloro-1,3-butadiene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	87-68-3	W
Isopropylbenzene (Cumene)	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	98-82-8	W
p-Isopropyltoluene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	99-87-6	W
Methylene Chloride	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	75-09-2	W
Methyl-tert-butyl ether	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	1634-04-4	W
Naphthalene	<47.7	ug/kg	298	47.7	1	07/11/17 08:00	07/11/17 22:13	91-20-3	W
n-Propylbenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	103-65-1	W
Styrene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15BB 4-6**      **Lab ID: 40152927005**      Collected: 07/07/17 10:25      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	630-20-6	W
1,1,1,2-Tetrachloroethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	79-34-5	W
Tetrachloroethene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	127-18-4	W
Toluene	39.8J	ug/kg	84.3	35.1	1	07/11/17 08:00	07/11/17 22:13	108-88-3	
1,2,3-Trichlorobenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	87-61-6	W
1,2,4-Trichlorobenzene	<56.6	ug/kg	298	56.6	1	07/11/17 08:00	07/11/17 22:13	120-82-1	W
1,1,1-Trichloroethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	71-55-6	W
1,1,2-Trichloroethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	79-00-5	W
Trichloroethene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	79-01-6	W
Trichlorofluoromethane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	75-69-4	W
1,2,3-Trichloropropane	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	96-18-4	W
1,2,4-Trimethylbenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	95-63-6	W
1,3,5-Trimethylbenzene	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	108-67-8	W
Vinyl chloride	<29.8	ug/kg	71.4	29.8	1	07/11/17 08:00	07/11/17 22:13	75-01-4	W
Xylene (Total)	<89.3	ug/kg	214	89.3	1	07/11/17 08:00	07/11/17 22:13	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	68-130		1	07/11/17 08:00	07/11/17 22:13	1868-53-7	
Toluene-d8 (S)	111	%	68-149		1	07/11/17 08:00	07/11/17 22:13	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	07/11/17 08:00	07/11/17 22:13	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	15.3	%	0.10	0.10	1		07/12/17 10:17		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15BB 6-8**      **Lab ID: 40152927006**      Collected: 07/07/17 10:30      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	71-43-2	W
Bromobenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	108-86-1	W
Bromochloromethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	74-97-5	W
Bromodichloromethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	75-27-4	W
Bromoform	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	75-25-2	W
Bromomethane	<93.2	ug/kg	333	93.2	1	07/11/17 08:00	07/11/17 22:35	74-83-9	W
n-Butylbenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	104-51-8	W
sec-Butylbenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	135-98-8	W
tert-Butylbenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	98-06-6	W
Carbon tetrachloride	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	56-23-5	W
Chlorobenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	108-90-7	W
Chloroethane	<89.4	ug/kg	333	89.4	1	07/11/17 08:00	07/11/17 22:35	75-00-3	W
Chloroform	<61.9	ug/kg	333	61.9	1	07/11/17 08:00	07/11/17 22:35	67-66-3	W
Chloromethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	74-87-3	W
2-Chlorotoluene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	95-49-8	W
4-Chlorotoluene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	106-43-4	W
1,2-Dibromo-3-chloropropane	<122	ug/kg	333	122	1	07/11/17 08:00	07/11/17 22:35	96-12-8	W
Dibromochloromethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	124-48-1	W
1,2-Dibromoethane (EDB)	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	106-93-4	W
Dibromomethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	74-95-3	W
1,2-Dichlorobenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	95-50-1	W
1,3-Dichlorobenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	541-73-1	W
1,4-Dichlorobenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	106-46-7	W
Dichlorodifluoromethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	75-71-8	W
1,1-Dichloroethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	75-34-3	W
1,2-Dichloroethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	107-06-2	W
1,1-Dichloroethene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	75-35-4	W
cis-1,2-Dichloroethene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	156-59-2	W
trans-1,2-Dichloroethene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	156-60-5	W
1,2-Dichloropropane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	78-87-5	W
1,3-Dichloropropane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	142-28-9	W
2,2-Dichloropropane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	594-20-7	W
1,1-Dichloropropene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	563-58-6	W
cis-1,3-Dichloropropene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	10061-01-5	W
trans-1,3-Dichloropropene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	10061-02-6	W
Diisopropyl ether	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	108-20-3	W
Ethylbenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	100-41-4	W
Hexachloro-1,3-butadiene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	87-68-3	W
Isopropylbenzene (Cumene)	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	98-82-8	W
p-Isopropyltoluene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	99-87-6	W
Methylene Chloride	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	75-09-2	W
Methyl-tert-butyl ether	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	1634-04-4	W
Naphthalene	138J	ug/kg	399	64.0	1	07/11/17 08:00	07/11/17 22:35	91-20-3	W
n-Propylbenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	103-65-1	W
Styrene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

**Sample: B-15BB 6-8**      **Lab ID: 40152927006**      Collected: 07/07/17 10:30      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	630-20-6	W
1,1,1,2-Tetrachloroethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	79-34-5	W
Tetrachloroethene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	127-18-4	W
Toluene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	108-88-3	W
1,2,3-Trichlorobenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	87-61-6	W
1,2,4-Trichlorobenzene	<63.4	ug/kg	333	63.4	1	07/11/17 08:00	07/11/17 22:35	120-82-1	W
1,1,1-Trichloroethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	71-55-6	W
1,1,2-Trichloroethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	79-00-5	W
Trichloroethene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	79-01-6	W
Trichlorofluoromethane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	75-69-4	W
1,2,3-Trichloropropane	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	96-18-4	W
1,2,4-Trimethylbenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	95-63-6	W
1,3,5-Trimethylbenzene	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	108-67-8	W
Vinyl chloride	<33.3	ug/kg	80.0	33.3	1	07/11/17 08:00	07/11/17 22:35	75-01-4	W
Xylene (Total)	<100	ug/kg	240	100	1	07/11/17 08:00	07/11/17 22:35	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	68-130		1	07/11/17 08:00	07/11/17 22:35	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	07/11/17 08:00	07/11/17 22:35	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	07/11/17 08:00	07/11/17 22:35	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	16.6	%	0.10	0.10	1		07/12/17 10:17		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15CC 2-4**      **Lab ID: 40152927007**      Collected: 07/07/17 10:40      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 22:58	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 22:58	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 22:58	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 22:58	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	1634-04-4	W
Naphthalene	51.6J	ug/kg	272	43.5	1	07/11/17 08:00	07/11/17 22:58	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

**Sample: B-15CC 2-4**      **Lab ID: 40152927007**      Collected: 07/07/17 10:40      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 22:58	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	79-00-5	W
Trichloroethene	81.2	ug/kg	65.3	27.2	1	07/11/17 08:00	07/11/17 22:58	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 22:58	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 22:58	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	68-130		1	07/11/17 08:00	07/11/17 22:58	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	07/11/17 08:00	07/11/17 22:58	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	07/11/17 08:00	07/11/17 22:58	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	8.0	%	0.10	0.10	1		07/12/17 10:18		

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15CC 4-6**      **Lab ID: 40152927008**      Collected: 07/07/17 10:45      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 12:30	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 12:30	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 12:30	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 12:30	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 12:30	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	100-42-5	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15CC 4-6**      **Lab ID: 40152927008**      Collected: 07/07/17 10:45      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	127-18-4	W
Toluene	39.1J	ug/kg	68.9	28.7	1	07/11/17 12:45	07/12/17 12:30	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 12:30	120-82-1	W
1,1,1-Trichloroethane	43.6J	ug/kg	68.9	28.7	1	07/11/17 12:45	07/12/17 12:30	71-55-6	
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	79-00-5	W
Trichloroethene	127	ug/kg	68.9	28.7	1	07/11/17 12:45	07/12/17 12:30	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 12:30	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 12:30	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	124	%	68-130		1	07/11/17 12:45	07/12/17 12:30	1868-53-7	
Toluene-d8 (S)	121	%	68-149		1	07/11/17 12:45	07/12/17 12:30	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	07/11/17 12:45	07/12/17 12:30	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	12.9	%	0.10	0.10	1		07/12/17 10:18		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Sample: B-15CC 6-8 Lab ID: 40152927009 Collected: 07/07/17 10:50 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 08:14	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 08:14	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 08:14	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 08:14	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 08:14	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

**Sample: B-15CC 6-8**      **Lab ID: 40152927009**      Collected: 07/07/17 10:50      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 08:14	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:14	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 08:14	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	123	%	68-130		1	07/11/17 12:45	07/12/17 08:14	1868-53-7	
Toluene-d8 (S)	119	%	68-149		1	07/11/17 12:45	07/12/17 08:14	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	07/11/17 12:45	07/12/17 08:14	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	12.6	%	0.10	0.10	1		07/12/17 10:18		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

QC Batch: 261057 Analysis Method: EPA 7471  
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
 Associated Lab Samples: 40152927001, 40152927002, 40152927003

METHOD BLANK: 1537474 Matrix: Solid  
 Associated Lab Samples: 40152927001, 40152927002, 40152927003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	07/12/17 11:25	

LABORATORY CONTROL SAMPLE: 1537475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.81	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537476 1537477

Parameter	Units	40152927001		40152927002		40152927003		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.				
Mercury	mg/kg	0.13	.99	.99	1.1	1.1	102	98	85-115	4	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

QC Batch: 261224 Analysis Method: EPA 6010

QC Batch Method: EPA 3050 Analysis Description: 6010 MET

Associated Lab Samples: 40152927001, 40152927002, 40152927003

METHOD BLANK: 1538008 Matrix: Solid

Associated Lab Samples: 40152927001, 40152927002, 40152927003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	07/12/17 17:39	
Lead	mg/kg	<0.43	1.3	07/12/17 17:39	

LABORATORY CONTROL SAMPLE: 1538009

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.2	96	80-120	
Lead	mg/kg	50	49.5	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1538010 1538011

Parameter	Units	40152929008		1538011		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Arsenic	mg/kg	9.1	54.8	54.8	58.7	60.4	91	94	75-125	3	20		
Lead	mg/kg	87.6	54.8	54.8	123	130	65	77	75-125	5	20	M0	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

QC Batch: 261177 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152927002, 40152927003, 40152927004, 40152927005, 40152927006, 40152927007

METHOD BLANK: 1537875 Matrix: Solid  
Associated Lab Samples: 40152927002, 40152927003, 40152927004, 40152927005, 40152927006, 40152927007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/11/17 08:10	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/11/17 08:10	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/11/17 08:10	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/11/17 08:10	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/11/17 08:10	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/11/17 08:10	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/11/17 08:10	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/11/17 08:10	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/11/17 08:10	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/11/17 08:10	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/11/17 08:10	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/11/17 08:10	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/11/17 08:10	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/11/17 08:10	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/11/17 08:10	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/11/17 08:10	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/11/17 08:10	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/11/17 08:10	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/11/17 08:10	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/11/17 08:10	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/11/17 08:10	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/11/17 08:10	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/11/17 08:10	
Benzene	ug/kg	<9.2	20.0	07/11/17 08:10	
Bromobenzene	ug/kg	<20.6	50.0	07/11/17 08:10	
Bromochloromethane	ug/kg	<21.4	50.0	07/11/17 08:10	
Bromodichloromethane	ug/kg	<9.8	50.0	07/11/17 08:10	
Bromoform	ug/kg	<19.8	50.0	07/11/17 08:10	
Bromomethane	ug/kg	<69.9	250	07/11/17 08:10	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/11/17 08:10	
Chlorobenzene	ug/kg	<14.8	50.0	07/11/17 08:10	
Chloroethane	ug/kg	<67.0	250	07/11/17 08:10	
Chloroform	ug/kg	<46.4	250	07/11/17 08:10	
Chloromethane	ug/kg	<20.4	50.0	07/11/17 08:10	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/11/17 08:10	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/11/17 08:10	
Dibromochloromethane	ug/kg	<17.9	50.0	07/11/17 08:10	
Dibromomethane	ug/kg	<19.3	50.0	07/11/17 08:10	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/11/17 08:10	
Diisopropyl ether	ug/kg	<17.7	50.0	07/11/17 08:10	
Ethylbenzene	ug/kg	<12.4	50.0	07/11/17 08:10	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

METHOD BLANK: 1537875

Matrix: Solid

Associated Lab Samples: 40152927002, 40152927003, 40152927004, 40152927005, 40152927006, 40152927007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/11/17 08:10	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/11/17 08:10	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/11/17 08:10	
Methylene Chloride	ug/kg	<16.2	50.0	07/11/17 08:10	
n-Butylbenzene	ug/kg	<10.5	50.0	07/11/17 08:10	
n-Propylbenzene	ug/kg	<11.6	50.0	07/11/17 08:10	
Naphthalene	ug/kg	<40.0	250	07/11/17 08:10	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/11/17 08:10	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/11/17 08:10	
Styrene	ug/kg	<9.0	50.0	07/11/17 08:10	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/11/17 08:10	
Tetrachloroethene	ug/kg	<12.9	50.0	07/11/17 08:10	
Toluene	ug/kg	<11.2	50.0	07/11/17 08:10	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/11/17 08:10	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/11/17 08:10	
Trichloroethene	ug/kg	<23.6	50.0	07/11/17 08:10	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/11/17 08:10	
Vinyl chloride	ug/kg	<21.1	50.0	07/11/17 08:10	
Xylene (Total)	ug/kg	<48.4	150	07/11/17 08:10	
4-Bromofluorobenzene (S)	%	96	58-141	07/11/17 08:10	
Dibromofluoromethane (S)	%	106	68-130	07/11/17 08:10	
Toluene-d8 (S)	%	110	68-149	07/11/17 08:10	

LABORATORY CONTROL SAMPLE: 1537876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2650	106	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2570	103	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2710	108	70-130	
1,1-Dichloroethane	ug/kg	2500	2560	102	63-124	
1,1-Dichloroethene	ug/kg	2500	2900	116	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2390	96	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2240	90	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2660	106	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2640	106	70-130	
1,2-Dichloroethane	ug/kg	2500	3000	120	56-135	
1,2-Dichloropropane	ug/kg	2500	2490	100	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
Benzene	ug/kg	2500	2520	101	66-130	
Bromodichloromethane	ug/kg	2500	2530	101	62-135	
Bromoform	ug/kg	2500	2500	100	68-130	
Bromomethane	ug/kg	2500	2760	110	29-137	
Carbon tetrachloride	ug/kg	2500	2640	105	57-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

LABORATORY CONTROL SAMPLE: 1537876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2610	104	70-130	
Chloroethane	ug/kg	2500	2980	119	36-144	
Chloroform	ug/kg	2500	2690	108	69-115	
Chloromethane	ug/kg	2500	1850	74	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2430	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2410	97	70-130	
Dibromochloromethane	ug/kg	2500	2470	99	70-130	
Dichlorodifluoromethane	ug/kg	2500	1650	66	10-99	
Ethylbenzene	ug/kg	2500	2610	104	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2600	104	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2550	102	63-134	
Methylene Chloride	ug/kg	2500	3000	120	56-123	
Styrene	ug/kg	2500	2500	100	70-130	
Tetrachloroethene	ug/kg	2500	2720	109	70-131	
Toluene	ug/kg	2500	2650	106	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2570	103	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2540	101	68-130	
Trichloroethene	ug/kg	2500	2650	106	70-130	
Trichlorofluoromethane	ug/kg	2500	3050	122	37-149	
Vinyl chloride	ug/kg	2500	2350	94	43-128	
Xylene (Total)	ug/kg	7500	7610	101	70-130	
4-Bromofluorobenzene (S)	%			96	58-141	
Dibromofluoromethane (S)	%			106	68-130	
Toluene-d8 (S)	%			103	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537877 1537878

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152907030 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1650	1650	1600	1540	97	93	57-123	4	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1650	1650	1710	1780	104	108	73-135	4	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1650	1650	1660	1670	101	101	70-130	0	20		
1,1-Dichloroethane	ug/kg	<25.0	1650	1650	1590	1610	96	98	63-124	1	20		
1,1-Dichloroethene	ug/kg	<25.0	1650	1650	1720	1620	104	98	48-117	6	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1650	1650	1840	1820	112	110	78-145	1	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1650	1650	1620	1690	98	102	38-168	4	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1650	1650	1680	1620	102	98	70-130	4	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1650	1650	1860	1880	113	114	70-130	1	20		
1,2-Dichloroethane	ug/kg	<25.0	1650	1650	1890	1870	115	113	56-145	1	20		
1,2-Dichloropropane	ug/kg	<25.0	1650	1650	1610	1610	98	98	77-123	0	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1650	1650	1800	1830	109	111	70-130	2	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1650	1650	1760	1830	107	111	70-130	4	20		
Benzene	ug/kg	<25.0	1650	1650	1570	1530	95	93	65-130	2	20		
Bromodichloromethane	ug/kg	<25.0	1650	1650	1630	1610	99	98	59-141	1	20		

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**QUALITY CONTROL DATA**

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537877		1537878		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40152907030 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Bromoform	ug/kg	<25.0	1650	1650	1450	1500	88	91	59-141	3	20		
Bromomethane	ug/kg	<69.9	1650	1650	1790	1710	108	104	28-139	4	20		
Carbon tetrachloride	ug/kg	<25.0	1650	1650	1600	1500	97	91	50-130	6	20		
Chlorobenzene	ug/kg	<25.0	1650	1650	1670	1680	101	102	70-130	1	20		
Chloroethane	ug/kg	<67.0	1650	1650	1750	1730	106	105	36-144	1	20		
Chloroform	ug/kg	<46.4	1650	1650	1710	1680	104	102	68-122	2	20		
Chloromethane	ug/kg	<25.0	1650	1650	1100	1070	67	65	30-126	3	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1650	1650	1460	1530	89	93	63-130	4	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1650	1650	1480	1460	90	89	70-130	1	20		
Dibromochloromethane	ug/kg	<25.0	1650	1650	1500	1490	91	90	66-136	1	20		
Dichlorodifluoromethane	ug/kg	<25.0	1650	1650	1050	981	63	60	10-99	6	33		
Ethylbenzene	ug/kg	<25.0	1650	1650	1580	1590	96	97	80-122	1	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1650	1650	1530	1570	93	95	70-130	2	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1650	1650	1650	1590	100	96	63-134	4	20		
Methylene Chloride	ug/kg	<25.0	1650	1650	1880	1810	114	110	56-127	4	20		
Styrene	ug/kg	<25.0	1650	1650	1560	1600	94	97	70-130	3	20		
Tetrachloroethene	ug/kg	<25.0	1650	1650	1640	1620	99	98	70-131	1	20		
Toluene	ug/kg	<25.0	1650	1650	1650	1630	100	99	80-120	2	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1650	1650	1590	1500	96	91	60-130	6	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1650	1650	1520	1550	92	94	68-130	2	20		
Trichloroethene	ug/kg	<25.0	1650	1650	1670	1610	101	98	70-130	3	20		
Trichlorofluoromethane	ug/kg	<25.0	1650	1650	1620	1610	98	98	37-149	1	24		
Vinyl chloride	ug/kg	<25.0	1650	1650	1270	1210	77	74	39-128	5	20		
Xylene (Total)	ug/kg	<75.0	4940	4940	4640	4720	94	95	70-130	2	20		
4-Bromofluorobenzene (S)	%						95	96	58-141				
Dibromofluoromethane (S)	%						108	109	68-130				
Toluene-d8 (S)	%						109	107	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

QC Batch: 261209 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152927001, 40152927008, 40152927009

METHOD BLANK: 1537964 Matrix: Solid  
Associated Lab Samples: 40152927001, 40152927008, 40152927009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/11/17 19:37	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/11/17 19:37	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/11/17 19:37	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/11/17 19:37	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/11/17 19:37	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/11/17 19:37	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/11/17 19:37	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/11/17 19:37	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/11/17 19:37	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/11/17 19:37	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/11/17 19:37	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/11/17 19:37	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/11/17 19:37	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/11/17 19:37	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/11/17 19:37	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/11/17 19:37	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/11/17 19:37	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/11/17 19:37	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/11/17 19:37	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/11/17 19:37	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/11/17 19:37	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/11/17 19:37	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/11/17 19:37	
Benzene	ug/kg	<9.2	20.0	07/11/17 19:37	
Bromobenzene	ug/kg	<20.6	50.0	07/11/17 19:37	
Bromochloromethane	ug/kg	<21.4	50.0	07/11/17 19:37	
Bromodichloromethane	ug/kg	<9.8	50.0	07/11/17 19:37	
Bromoform	ug/kg	<19.8	50.0	07/11/17 19:37	
Bromomethane	ug/kg	<69.9	250	07/11/17 19:37	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/11/17 19:37	
Chlorobenzene	ug/kg	<14.8	50.0	07/11/17 19:37	
Chloroethane	ug/kg	<67.0	250	07/11/17 19:37	
Chloroform	ug/kg	<46.4	250	07/11/17 19:37	
Chloromethane	ug/kg	<20.4	50.0	07/11/17 19:37	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/11/17 19:37	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/11/17 19:37	
Dibromochloromethane	ug/kg	<17.9	50.0	07/11/17 19:37	
Dibromomethane	ug/kg	<19.3	50.0	07/11/17 19:37	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/11/17 19:37	
Diisopropyl ether	ug/kg	<17.7	50.0	07/11/17 19:37	
Ethylbenzene	ug/kg	<12.4	50.0	07/11/17 19:37	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

METHOD BLANK: 1537964 Matrix: Solid  
Associated Lab Samples: 40152927001, 40152927008, 40152927009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/11/17 19:37	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/11/17 19:37	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/11/17 19:37	
Methylene Chloride	ug/kg	<16.2	50.0	07/11/17 19:37	
n-Butylbenzene	ug/kg	<10.5	50.0	07/11/17 19:37	
n-Propylbenzene	ug/kg	<11.6	50.0	07/11/17 19:37	
Naphthalene	ug/kg	<40.0	250	07/11/17 19:37	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/11/17 19:37	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/11/17 19:37	
Styrene	ug/kg	<9.0	50.0	07/11/17 19:37	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/11/17 19:37	
Tetrachloroethene	ug/kg	<12.9	50.0	07/11/17 19:37	
Toluene	ug/kg	<11.2	50.0	07/11/17 19:37	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/11/17 19:37	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/11/17 19:37	
Trichloroethene	ug/kg	<23.6	50.0	07/11/17 19:37	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/11/17 19:37	
Vinyl chloride	ug/kg	<21.1	50.0	07/11/17 19:37	
Xylene (Total)	ug/kg	<48.4	150	07/11/17 19:37	
4-Bromofluorobenzene (S)	%	95	58-141	07/11/17 19:37	
Dibromofluoromethane (S)	%	109	68-130	07/11/17 19:37	
Toluene-d8 (S)	%	109	68-149	07/11/17 19:37	

LABORATORY CONTROL SAMPLE: 1537965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2870	115	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2120	85	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2740	110	70-130	
1,1-Dichloroethane	ug/kg	2500	2910	116	63-124	
1,1-Dichloroethene	ug/kg	2500	2510	100	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	1980	79	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1650	66	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2510	100	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2270	91	70-130	
1,2-Dichloroethane	ug/kg	2500	3030	121	56-135	
1,2-Dichloropropane	ug/kg	2500	2430	97	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2210	88	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2350	94	70-130	
Benzene	ug/kg	2500	2640	105	66-130	
Bromodichloromethane	ug/kg	2500	2320	93	62-135	
Bromoform	ug/kg	2500	2130	85	68-130	
Bromomethane	ug/kg	2500	2370	95	29-137	
Carbon tetrachloride	ug/kg	2500	2660	107	57-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152927

LABORATORY CONTROL SAMPLE: 1537965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2690	107	70-130	
Chloroethane	ug/kg	2500	2840	114	36-144	
Chloroform	ug/kg	2500	2820	113	69-115	
Chloromethane	ug/kg	2500	1980	79	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2830	113	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2030	81	70-130	
Dibromochloromethane	ug/kg	2500	2340	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1390	56	10-99	
Ethylbenzene	ug/kg	2500	2460	98	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2540	102	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2710	108	63-134	
Methylene Chloride	ug/kg	2500	2630	105	56-123	
Styrene	ug/kg	2500	2730	109	70-130	
Tetrachloroethene	ug/kg	2500	2770	111	70-131	
Toluene	ug/kg	2500	2580	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2840	114	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2310	92	68-130	
Trichloroethene	ug/kg	2500	2550	102	70-130	
Trichlorofluoromethane	ug/kg	2500	2980	119	37-149	
Vinyl chloride	ug/kg	2500	2190	88	43-128	
Xylene (Total)	ug/kg	7500	7750	103	70-130	
4-Bromofluorobenzene (S)	%			94	58-141	
Dibromofluoromethane (S)	%			110	68-130	
Toluene-d8 (S)	%			100	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537966 1537967

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152934002 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/kg	<25.0	1460	1460	1340	1450	92	99	57-123	8	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1460	1460	1590	1300	109	89	73-135	20	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1460	1460	1520	1490	104	102	70-130	2	20		
1,1-Dichloroethane	ug/kg	<25.0	1460	1460	1470	1550	101	107	63-124	6	20		
1,1-Dichloroethene	ug/kg	<25.0	1460	1460	1100	1250	75	86	48-117	13	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1460	1460	1470	1310	101	90	78-145	12	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1460	1460	1280	1030	88	71	38-168	22	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1460	1460	1420	1350	97	93	70-130	5	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1460	1460	1450	1350	100	92	70-130	8	20		
1,2-Dichloroethane	ug/kg	<25.0	1460	1460	1770	1620	121	111	56-145	9	20		
1,2-Dichloropropane	ug/kg	<25.0	1460	1460	1390	1420	96	97	77-123	2	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1460	1460	1470	1350	101	93	70-130	8	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1460	1460	1560	1450	107	99	70-130	7	20		
Benzene	ug/kg	<25.0	1460	1460	1380	1510	95	103	65-130	9	20		
Bromodichloromethane	ug/kg	<25.0	1460	1460	1320	1380	90	94	59-141	4	20		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537966		1537967		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40152934002 Result	MS Spike Conc.	MSD Spike Conc.									
Bromoform	ug/kg	<25.0	1460	1460	1190	1250	81	86	59-141	5	20		
Bromomethane	ug/kg	<69.9	1460	1460	1240	1230	85	85	28-139	1	20		
Carbon tetrachloride	ug/kg	<25.0	1460	1460	1300	1390	89	96	50-130	7	20		
Chlorobenzene	ug/kg	<25.0	1460	1460	1530	1600	105	109	70-130	4	20		
Chloroethane	ug/kg	<67.0	1460	1460	1430	1460	98	100	36-144	2	20		
Chloroform	ug/kg	<46.4	1460	1460	1530	1550	105	106	68-122	1	20		
Chloromethane	ug/kg	<25.0	1460	1460	1010	905	69	62	30-126	11	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1460	1460	1510	1480	103	102	63-130	2	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1460	1460	1190	1210	81	83	70-130	2	20		
Dibromochloromethane	ug/kg	<25.0	1460	1460	1460	1370	100	94	66-136	7	20		
Dichlorodifluoromethane	ug/kg	<25.0	1460	1460	664	731	46	50	10-99	10	33		
Ethylbenzene	ug/kg	<25.0	1460	1460	1360	1390	93	96	80-122	3	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1460	1460	1380	1380	95	95	70-130	0	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1460	1460	1590	1570	109	108	63-134	1	20		
Methylene Chloride	ug/kg	<25.0	1460	1460	1370	1530	94	105	56-127	11	20		
Styrene	ug/kg	<25.0	1460	1460	1440	1490	99	103	70-130	4	20		
Tetrachloroethene	ug/kg	<25.0	1460	1460	1400	1520	96	104	70-131	8	20		
Toluene	ug/kg	<25.0	1460	1460	1400	1490	96	103	80-120	7	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1460	1460	1430	1420	98	97	60-130	1	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1460	1460	1230	1240	84	85	68-130	1	20		
Trichloroethene	ug/kg	<25.0	1460	1460	1440	1480	99	102	70-130	3	20		
Trichlorofluoromethane	ug/kg	<25.0	1460	1460	1140	1290	78	89	37-149	12	24		
Vinyl chloride	ug/kg	<25.0	1460	1460	1070	1010	73	69	39-128	6	20		
Xylene (Total)	ug/kg	<75.0	4370	4370	4250	4390	97	100	70-130	3	20		
4-Bromofluorobenzene (S)	%						97	98	58-141				
Dibromofluoromethane (S)	%						120	118	68-130				
Toluene-d8 (S)	%						111	111	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

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QC Batch:	261264	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152927001, 40152927002, 40152927003, 40152927004, 40152927005, 40152927006, 40152927007, 40152927008, 40152927009		

---

SAMPLE DUPLICATE: 1538342

Parameter	Units	40152863001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.9	16.1	5	10	

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152927

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152927001	B-15AA 2-4	EPA 3050	261224	EPA 6010	261335
40152927002	B-15AA 4-6	EPA 3050	261224	EPA 6010	261335
40152927003	B-15AA 6-8	EPA 3050	261224	EPA 6010	261335
40152927001	B-15AA 2-4	EPA 7471	261057	EPA 7471	261204
40152927002	B-15AA 4-6	EPA 7471	261057	EPA 7471	261204
40152927003	B-15AA 6-8	EPA 7471	261057	EPA 7471	261204
40152927001	B-15AA 2-4	EPA 5035/5030B	261209	EPA 8260	261213
40152927002	B-15AA 4-6	EPA 5035/5030B	261177	EPA 8260	261180
40152927003	B-15AA 6-8	EPA 5035/5030B	261177	EPA 8260	261180
40152927004	B-15BB 2-4	EPA 5035/5030B	261177	EPA 8260	261180
40152927005	B-15BB 4-6	EPA 5035/5030B	261177	EPA 8260	261180
40152927006	B-15BB 6-8	EPA 5035/5030B	261177	EPA 8260	261180
40152927007	B-15CC 2-4	EPA 5035/5030B	261177	EPA 8260	261180
40152927008	B-15CC 4-6	EPA 5035/5030B	261209	EPA 8260	261213
40152927009	B-15CC 6-8	EPA 5035/5030B	261209	EPA 8260	261213
40152927001	B-15AA 2-4	ASTM D2974-87	261264		
40152927002	B-15AA 4-6	ASTM D2974-87	261264		
40152927003	B-15AA 6-8	ASTM D2974-87	261264		
40152927004	B-15BB 2-4	ASTM D2974-87	261264		
40152927005	B-15BB 4-6	ASTM D2974-87	261264		
40152927006	B-15BB 6-8	ASTM D2974-87	261264		
40152927007	B-15CC 2-4	ASTM D2974-87	261264		
40152927008	B-15CC 4-6	ASTM D2974-87	261264		
40152927009	B-15CC 6-8	ASTM D2974-87	261264		

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Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #:

WO#: 40152927

Client Name: Crites

Courier: Fed Ex UPS Client Pace Other: CS Logistics
Tracking #: 1960.070717



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: I/Corr: ROI Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:
Date: 7/8/17
Initials: [Signature]

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Comments:

Table with 15 rows of inspection items and checkboxes. Includes handwritten notes like '001-005+007-009 PAH requires amber glass container' and '004-009 4oz has no date/time'.

Client Notification/ Resolution:
Person Contacted: Date/Time:
Comments/ Resolution:

Project Manager Review: RNR For DM Date: 7/8/17

August 04, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory between July 28, 2017 and August 01, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154033001	TWB-14A 2-4	Solid	07/27/17 13:37	07/28/17 09:35
40154033002	TWB-14A 2-4	Water	08/01/17 00:00	08/01/17 00:00
40154033003	B-15AAA 2-4	Solid	07/27/17 10:40	07/28/17 09:35
40154033004	B-15AAA 4-6	Solid	07/27/17 10:45	07/28/17 09:35
40154033005	B-15AAA 6-8	Solid	07/27/17 10:50	07/28/17 09:35
40154033006	B-15CCC 2-4	Solid	07/27/17 11:30	07/28/17 09:35
40154033007	B-15CCC 4-6	Solid	07/27/17 11:35	07/28/17 09:35
40154033008	B-15CCC 6-8	Solid	07/27/17 11:40	07/28/17 09:35
40154033009	B-23 4-6	Solid	07/27/17 14:25	07/28/17 09:35
40154033010	B-23A 2-4	Solid	07/27/17 14:10	07/28/17 09:35
40154033011	B-23A 4-6	Solid	07/27/17 14:15	07/28/17 09:35
40154033012	B-23A 6-8	Solid	07/27/17 14:20	07/28/17 09:35
40154033013	B-23B 2-4	Solid	07/27/17 14:55	07/28/17 09:35
40154033014	B-23B 4-6	Solid	07/27/17 15:00	07/28/17 09:35
40154033015	B-23B 6-8	Solid	07/27/17 15:05	07/28/17 09:35
40154033016	B-23C 2-4	Solid	07/27/17 14:35	07/28/17 09:35
40154033017	B-23C 4-6	Solid	07/27/17 14:40	07/28/17 09:35
40154033018	B-23C 6-8	Solid	07/27/17 14:45	07/28/17 09:35
40154033019	B-25 2-4	Solid	07/27/17 12:40	07/28/17 09:35
40154033020	B-25 4-6	Solid	07/27/17 12:45	07/28/17 09:35
40154033021	B-25 6-8	Solid	07/27/17 12:50	07/28/17 09:35
40154033022	B-25 8-10	Solid	07/27/17 12:55	07/28/17 09:35
40154033023	B-25A 2-4	Solid	07/27/17 12:15	07/28/17 09:35
40154033024	B-25A 4-6	Solid	07/27/17 12:20	07/28/17 09:35
40154033025	B-25A 6-8	Solid	07/27/17 12:25	07/28/17 09:35
40154033026	B-25B 2-4	Solid	07/27/17 13:00	07/28/17 09:35
40154033027	B-25B 4-6	Solid	07/27/17 13:05	07/28/17 09:35
40154033028	B-25B 6-8	Solid	07/27/17 13:10	07/28/17 09:35
40154033029	B-25C 2-4	Solid	07/27/17 13:20	07/28/17 09:35
40154033030	B-25C 4-6	Solid	07/27/17 13:25	07/28/17 09:35
40154033031	B-25C 6-8	Solid	07/27/17 13:30	07/28/17 09:35
40154033032	B-26 2-4	Solid	07/27/17 09:40	07/28/17 09:35
40154033033	B-26 14-16	Solid	07/27/17 09:45	07/28/17 09:35
40154033034	B-26 14-16	Water	08/01/17 00:00	08/01/17 00:00
40154033035	B-40 2-4	Solid	07/27/17 11:55	07/28/17 09:35
40154033036	B-40 4-6	Solid	07/27/17 12:00	07/28/17 09:35
40154033037	B-40 6-8	Solid	07/27/17 12:05	07/28/17 09:35

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### SAMPLE ANALYTE COUNT

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154033002	TWB-14A 2-4	EPA 8270 by HVI	TPO	20	PASI-G
40154033003	B-15AAA 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033004	B-15AAA 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033005	B-15AAA 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033006	B-15CCC 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033007	B-15CCC 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033008	B-15CCC 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033009	B-23 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033010	B-23A 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033011	B-23A 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033012	B-23A 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033013	B-23B 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033014	B-23B 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033015	B-23B 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033016	B-23C 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033017	B-23C 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033018	B-23C 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033019	B-25 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033020	B-25 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154033021	B-25 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154033022	B-25 8-10	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033023	B-25A 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033024	B-25A 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033025	B-25A 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033026	B-25B 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033027	B-25B 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033028	B-25B 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033029	B-25C 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033030	B-25C 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033031	B-25C 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033032	B-26 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033033	B-26 14-16	EPA 8260	SMT	63	PASI-G
40154033034	B-26 14-16	EPA 8270 by HVI	TPO	20	PASI-G
40154033035	B-40 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033036	B-40 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G
40154033037	B-40 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SSM	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40154033002</b>	<b>TWB-14A 2-4</b>					
EPA 8270 by HVI	Pyrene	0.0090J	ug/L	0.036	08/02/17 15:43	B
<b>40154033003</b>	<b>B-15AAA 2-4</b>					
EPA 8260	Methylene Chloride	27.0J	ug/kg	63.4	08/02/17 02:04	
EPA 8260	Naphthalene	67.1J	ug/kg	264	08/02/17 02:04	
EPA 8260	Toluene	28.8J	ug/kg	63.4	08/02/17 02:04	
EPA 8260	1,2,4-Trimethylbenzene	28.1J	ug/kg	63.4	08/02/17 02:04	
ASTM D2974-87	Percent Moisture	5.4	%	0.10	07/31/17 17:26	
<b>40154033004</b>	<b>B-15AAA 4-6</b>					
EPA 8260	Naphthalene	51.9J	ug/kg	282	07/31/17 14:04	
ASTM D2974-87	Percent Moisture	11.5	%	0.10	07/31/17 17:26	
<b>40154033005</b>	<b>B-15AAA 6-8</b>					
ASTM D2974-87	Percent Moisture	15.7	%	0.10	07/31/17 17:26	
<b>40154033006</b>	<b>B-15CCC 2-4</b>					
EPA 8260	Naphthalene	68.1J	ug/kg	290	07/31/17 14:51	
EPA 8260	Toluene	57.4J	ug/kg	69.5	07/31/17 14:51	
EPA 8260	1,2,4-Trimethylbenzene	33.2J	ug/kg	69.5	07/31/17 14:51	
ASTM D2974-87	Percent Moisture	8.2	%	0.10	07/31/17 17:26	
<b>40154033007</b>	<b>B-15CCC 4-6</b>					
EPA 8260	Methylene Chloride	29.9J	ug/kg	68.2	07/31/17 15:14	B
ASTM D2974-87	Percent Moisture	10.2	%	0.10	07/31/17 17:26	
<b>40154033008</b>	<b>B-15CCC 6-8</b>					
EPA 8260	Chloromethane	78.6J	ug/kg	101	07/31/17 18:19	
EPA 8260	Naphthalene	122J	ug/kg	419	07/31/17 18:19	
ASTM D2974-87	Percent Moisture	19.5	%	0.10	07/31/17 17:26	
<b>40154033009</b>	<b>B-23 4-6</b>					
EPA 8260	Trichloroethene	34.1J	ug/kg	69.0	07/31/17 15:37	
ASTM D2974-87	Percent Moisture	13.1	%	0.10	07/31/17 17:26	
<b>40154033010</b>	<b>B-23A 2-4</b>					
ASTM D2974-87	Percent Moisture	9.0	%	0.10	07/31/17 17:26	
<b>40154033011</b>	<b>B-23A 4-6</b>					
ASTM D2974-87	Percent Moisture	4.8	%	0.10	07/31/17 17:26	
<b>40154033012</b>	<b>B-23A 6-8</b>					
EPA 8260	Methylene Chloride	28.6J	ug/kg	63.4	07/31/17 16:47	B
ASTM D2974-87	Percent Moisture	5.3	%	0.10	07/31/17 17:26	
<b>40154033013</b>	<b>B-23B 2-4</b>					
EPA 8260	Naphthalene	73.8J	ug/kg	262	07/31/17 17:10	
ASTM D2974-87	Percent Moisture	4.6	%	0.10	07/31/17 17:27	
<b>40154033014</b>	<b>B-23B 4-6</b>					
ASTM D2974-87	Percent Moisture	10.9	%	0.10	07/31/17 17:27	

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### SUMMARY OF DETECTION

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40154033015</b>	<b>B-23B 6-8</b>					
ASTM D2974-87	Percent Moisture	3.5	%	0.10	07/31/17 17:27	
<b>40154033016</b>	<b>B-23C 2-4</b>					
EPA 8260	Methylene Chloride	34.7J	ug/kg	70.5	08/02/17 09:53	
ASTM D2974-87	Percent Moisture	14.9	%	0.10	07/31/17 17:27	
<b>40154033017</b>	<b>B-23C 4-6</b>					
EPA 8260	Methylene Chloride	33.5J	ug/kg	69.9	08/02/17 10:24	
ASTM D2974-87	Percent Moisture	14.2	%	0.10	07/31/17 17:27	
<b>40154033018</b>	<b>B-23C 6-8</b>					
EPA 8260	Methylene Chloride	32.0J	ug/kg	72.2	08/01/17 14:35	
ASTM D2974-87	Percent Moisture	16.8	%	0.10	07/31/17 17:27	
<b>40154033019</b>	<b>B-25 2-4</b>					
EPA 8260	Methylene Chloride	27.8J	ug/kg	66.1	08/01/17 14:58	
EPA 8260	Naphthalene	48.5J	ug/kg	276	08/01/17 14:58	L1
ASTM D2974-87	Percent Moisture	7.4	%	0.10	07/31/17 17:27	
<b>40154033020</b>	<b>B-25 4-6</b>					
EPA 8260	Benzene	33.2J	ug/kg	76.0	08/01/17 15:21	
EPA 8260	Ethylbenzene	44.0J	ug/kg	76.0	08/01/17 15:21	
EPA 8260	Methylene Chloride	33.0J	ug/kg	76.0	08/01/17 15:21	
EPA 8260	Naphthalene	238J	ug/kg	317	08/01/17 15:21	L1
EPA 8260	n-Propylbenzene	36.8J	ug/kg	76.0	08/01/17 15:21	
EPA 8260	Toluene	222	ug/kg	76.0	08/01/17 15:21	
EPA 8260	1,2,4-Trimethylbenzene	137	ug/kg	76.0	08/01/17 15:21	
EPA 8260	1,3,5-Trimethylbenzene	45.3J	ug/kg	76.0	08/01/17 15:21	
EPA 8260	Xylene (Total)	413	ug/kg	228	08/01/17 15:21	
ASTM D2974-87	Percent Moisture	12.3	%	0.10	07/31/17 17:27	
<b>40154033021</b>	<b>B-25 6-8</b>					
EPA 8260	Naphthalene	91.1J	ug/kg	293	08/01/17 15:45	L1
ASTM D2974-87	Percent Moisture	14.6	%	0.10	07/31/17 17:27	
<b>40154033022</b>	<b>B-25 8-10</b>					
EPA 8260	Naphthalene	952	ug/kg	297	08/01/17 16:08	L1
EPA 8260	1,2,4-Trimethylbenzene	36.9J	ug/kg	71.3	08/01/17 16:08	
ASTM D2974-87	Percent Moisture	15.9	%	0.10	08/03/17 18:42	
<b>40154033023</b>	<b>B-25A 2-4</b>					
EPA 8260	Methylene Chloride	29.9J	ug/kg	65.7	08/01/17 16:31	
EPA 8260	Naphthalene	102J	ug/kg	274	08/01/17 16:31	L1
EPA 8260	Toluene	29.5J	ug/kg	65.7	08/01/17 16:31	
EPA 8260	1,2,4-Trimethylbenzene	29.3J	ug/kg	65.7	08/01/17 16:31	
ASTM D2974-87	Percent Moisture	8.7	%	0.10	08/03/17 18:42	
<b>40154033024</b>	<b>B-25A 4-6</b>					
EPA 8260	Benzene	706	ug/kg	134	08/01/17 20:45	
EPA 8260	Ethylbenzene	239	ug/kg	134	08/01/17 20:45	
EPA 8260	Naphthalene	244J	ug/kg	560	08/01/17 20:45	L1

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40154033024</b>	<b>B-25A 4-6</b>					
EPA 8260	n-Propylbenzene	87.7J	ug/kg	134	08/01/17 20:45	
EPA 8260	Toluene	1720	ug/kg	134	08/01/17 20:45	
EPA 8260	1,2,4-Trimethylbenzene	204	ug/kg	134	08/01/17 20:45	
EPA 8260	Xylene (Total)	848	ug/kg	403	08/01/17 20:45	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	08/03/17 18:42	
<b>40154033025</b>	<b>B-25A 6-8</b>					
EPA 8260	Naphthalene	132J	ug/kg	292	08/01/17 16:54	L1
EPA 8260	Toluene	42.1J	ug/kg	70.2	08/01/17 16:54	
EPA 8260	1,2,4-Trimethylbenzene	57.9J	ug/kg	70.2	08/01/17 16:54	
EPA 8260	Xylene (Total)	142J	ug/kg	211	08/01/17 16:54	
ASTM D2974-87	Percent Moisture	14.5	%	0.10	08/03/17 18:42	
<b>40154033026</b>	<b>B-25B 2-4</b>					
EPA 8260	n-Butylbenzene	110	ug/kg	90.2	08/01/17 17:17	
EPA 8260	sec-Butylbenzene	82.7J	ug/kg	90.2	08/01/17 17:17	
EPA 8260	Ethylbenzene	44.2J	ug/kg	90.2	08/01/17 17:17	
EPA 8260	Isopropylbenzene (Cumene)	42.9J	ug/kg	90.2	08/01/17 17:17	
EPA 8260	p-Isopropyltoluene	59.9J	ug/kg	90.2	08/01/17 17:17	
EPA 8260	Naphthalene	261J	ug/kg	376	08/01/17 17:17	L1
EPA 8260	n-Propylbenzene	81.7J	ug/kg	90.2	08/01/17 17:17	
EPA 8260	Toluene	111	ug/kg	90.2	08/01/17 17:17	
EPA 8260	1,2,4-Trimethylbenzene	257	ug/kg	90.2	08/01/17 17:17	
EPA 8260	1,3,5-Trimethylbenzene	153	ug/kg	90.2	08/01/17 17:17	
EPA 8260	Xylene (Total)	249J	ug/kg	271	08/01/17 17:17	
ASTM D2974-87	Percent Moisture	12.5	%	0.10	08/03/17 18:42	
<b>40154033027</b>	<b>B-25B 4-6</b>					
EPA 8260	Naphthalene	310J	ug/kg	641	08/01/17 17:40	L1
EPA 8260	Toluene	81.6J	ug/kg	154	08/01/17 17:40	
EPA 8260	1,2,4-Trimethylbenzene	90.2J	ug/kg	154	08/01/17 17:40	
EPA 8260	1,3,5-Trimethylbenzene	70.8J	ug/kg	154	08/01/17 17:40	
EPA 8260	Xylene (Total)	192J	ug/kg	461	08/01/17 17:40	
ASTM D2974-87	Percent Moisture	15.1	%	0.10	08/03/17 18:42	
<b>40154033028</b>	<b>B-25B 6-8</b>					
EPA 8260	1,2,4-Trimethylbenzene	29.3J	ug/kg	68.0	08/01/17 18:03	
ASTM D2974-87	Percent Moisture	11.7	%	0.10	08/03/17 18:43	
<b>40154033029</b>	<b>B-25C 2-4</b>					
ASTM D2974-87	Percent Moisture	8.2	%	0.10	08/03/17 18:43	
<b>40154033030</b>	<b>B-25C 4-6</b>					
EPA 8260	Methylene Chloride	30.5J	ug/kg	68.5	08/01/17 18:50	
EPA 8260	Naphthalene	126J	ug/kg	285	08/01/17 18:50	L1
EPA 8260	Toluene	87.8	ug/kg	68.5	08/01/17 18:50	
EPA 8260	1,2,4-Trimethylbenzene	64.5J	ug/kg	68.5	08/01/17 18:50	
EPA 8260	Xylene (Total)	178J	ug/kg	206	08/01/17 18:50	
ASTM D2974-87	Percent Moisture	12.4	%	0.10	08/03/17 18:43	

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### SUMMARY OF DETECTION

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40154033031</b>	<b>B-25C 6-8</b>					
EPA 8260	Benzene	133	ug/kg	95.9	08/01/17 19:13	
EPA 8260	Ethylbenzene	86.0J	ug/kg	95.9	08/01/17 19:13	
EPA 8260	Isopropylbenzene (Cumene)	44.9J	ug/kg	95.9	08/01/17 19:13	
EPA 8260	Methylene Chloride	41.8J	ug/kg	95.9	08/01/17 19:13	
EPA 8260	Naphthalene	404	ug/kg	400	08/01/17 19:13	L1
EPA 8260	n-Propylbenzene	50.8J	ug/kg	95.9	08/01/17 19:13	
EPA 8260	Toluene	487	ug/kg	95.9	08/01/17 19:13	
EPA 8260	1,2,4-Trimethylbenzene	253	ug/kg	95.9	08/01/17 19:13	
EPA 8260	1,3,5-Trimethylbenzene	74.4J	ug/kg	95.9	08/01/17 19:13	
EPA 8260	Xylene (Total)	791	ug/kg	288	08/01/17 19:13	
ASTM D2974-87	Percent Moisture	18.8	%	0.10	08/03/17 18:43	
<b>40154033032</b>	<b>B-26 2-4</b>					
ASTM D2974-87	Percent Moisture	13.4	%	0.10	08/03/17 18:43	
<b>40154033033</b>	<b>B-26 14-16</b>					
EPA 8260	Naphthalene	55.7J	ug/kg	250	08/01/17 19:59	L1
<b>40154033034</b>	<b>B-26 14-16</b>					
EPA 8270 by HVI	Pyrene	0.011J	ug/L	0.038	08/02/17 16:16	B
<b>40154033035</b>	<b>B-40 2-4</b>					
EPA 8260	n-Butylbenzene	51.9J	ug/kg	88.8	08/01/17 20:22	
EPA 8260	sec-Butylbenzene	42.0J	ug/kg	88.8	08/01/17 20:22	
EPA 8260	Methylene Chloride	39.6J	ug/kg	88.8	08/01/17 20:22	
EPA 8260	Naphthalene	146J	ug/kg	370	08/01/17 20:22	L1
EPA 8260	n-Propylbenzene	37.1J	ug/kg	88.8	08/01/17 20:22	
EPA 8260	Toluene	90.7	ug/kg	88.8	08/01/17 20:22	
EPA 8260	1,2,4-Trimethylbenzene	80.4J	ug/kg	88.8	08/01/17 20:22	
EPA 8260	Xylene (Total)	246J	ug/kg	266	08/01/17 20:22	
ASTM D2974-87	Percent Moisture	11.1	%	0.10	08/03/17 18:43	
<b>40154033036</b>	<b>B-40 4-6</b>					
EPA 8260	Methylene Chloride	36.2J	ug/kg	71.0	08/02/17 02:49	
EPA 8260	Naphthalene	54.0J	ug/kg	296	08/02/17 02:49	
ASTM D2974-87	Percent Moisture	11.0	%	0.10	08/03/17 18:43	
<b>40154033037</b>	<b>B-40 6-8</b>					
EPA 8260	Methylene Chloride	33.9J	ug/kg	72.1	08/02/17 03:12	
EPA 8260	Naphthalene	55.0J	ug/kg	300	08/02/17 03:12	
ASTM D2974-87	Percent Moisture	16.8	%	0.10	08/03/17 18:43	

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: **TWB-14A 2-4** Lab ID: **40154033002** Collected: 08/01/17 00:00 Received: 08/01/17 00:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by HVI</b>		Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510							
Acenaphthene	<0.0057	ug/L	0.029	0.0057	1	08/02/17 10:15	08/02/17 15:43	83-32-9	
Acenaphthylene	<0.0047	ug/L	0.023	0.0047	1	08/02/17 10:15	08/02/17 15:43	208-96-8	
Anthracene	<0.0099	ug/L	0.049	0.0099	1	08/02/17 10:15	08/02/17 15:43	120-12-7	
Benzo(a)anthracene	<0.0071	ug/L	0.036	0.0071	1	08/02/17 10:15	08/02/17 15:43	56-55-3	
Benzo(a)pyrene	<0.0099	ug/L	0.050	0.0099	1	08/02/17 10:15	08/02/17 15:43	50-32-8	
Benzo(b)fluoranthene	<0.0054	ug/L	0.027	0.0054	1	08/02/17 10:15	08/02/17 15:43	205-99-2	
Benzo(g,h,i)perylene	<0.0064	ug/L	0.032	0.0064	1	08/02/17 10:15	08/02/17 15:43	191-24-2	
Benzo(k)fluoranthene	<0.0071	ug/L	0.036	0.0071	1	08/02/17 10:15	08/02/17 15:43	207-08-9	
Chrysene	<0.012	ug/L	0.062	0.012	1	08/02/17 10:15	08/02/17 15:43	218-01-9	
Dibenz(a,h)anthracene	<0.0095	ug/L	0.047	0.0095	1	08/02/17 10:15	08/02/17 15:43	53-70-3	
Fluoranthene	<0.010	ug/L	0.050	0.010	1	08/02/17 10:15	08/02/17 15:43	206-44-0	
Fluorene	<0.0075	ug/L	0.038	0.0075	1	08/02/17 10:15	08/02/17 15:43	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.083	0.017	1	08/02/17 10:15	08/02/17 15:43	193-39-5	
1-Methylnaphthalene	<0.0056	ug/L	0.028	0.0056	1	08/02/17 10:15	08/02/17 15:43	90-12-0	
2-Methylnaphthalene	<0.0046	ug/L	0.023	0.0046	1	08/02/17 10:15	08/02/17 15:43	91-57-6	
Naphthalene	<0.017	ug/L	0.086	0.017	1	08/02/17 10:15	08/02/17 15:43	91-20-3	
Phenanthrene	<0.013	ug/L	0.065	0.013	1	08/02/17 10:15	08/02/17 15:43	85-01-8	
Pyrene	0.0090J	ug/L	0.036	0.0072	1	08/02/17 10:15	08/02/17 15:43	129-00-0	B
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	49	%	35-84		1	08/02/17 10:15	08/02/17 15:43	321-60-8	
Terphenyl-d14 (S)	68	%	10-129		1	08/02/17 10:15	08/02/17 15:43	1718-51-0	

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-15AAA 2-4 Lab ID: 40154033003 Collected: 07/27/17 10:40 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 02:04	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 02:04	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 02:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 02:04	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	99-87-6	W
Methylene Chloride	27.0J	ug/kg	63.4	26.4	1	08/01/17 07:45	08/02/17 02:04	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	1634-04-4	W
Naphthalene	67.1J	ug/kg	264	42.3	1	08/01/17 07:45	08/02/17 02:04	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-15AAA 2-4**      **Lab ID: 40154033003**      Collected: 07/27/17 10:40      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	127-18-4	W
Toluene	28.8J	ug/kg	63.4	26.4	1	08/01/17 07:45	08/02/17 02:04	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 02:04	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	96-18-4	W
1,2,4-Trimethylbenzene	28.1J	ug/kg	63.4	26.4	1	08/01/17 07:45	08/02/17 02:04	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:04	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 02:04	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	151	%	68-130		1	08/01/17 07:45	08/02/17 02:04	1868-53-7	S3
Toluene-d8 (S)	141	%	68-149		1	08/01/17 07:45	08/02/17 02:04	2037-26-5	
4-Bromofluorobenzene (S)	115	%	58-141		1	08/01/17 07:45	08/02/17 02:04	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	5.4	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-15AAA 4-6 Lab ID: 40154033004 Collected: 07/27/17 10:45 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/31/17 08:00	07/31/17 14:04	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/31/17 08:00	07/31/17 14:04	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/31/17 08:00	07/31/17 14:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/31/17 08:00	07/31/17 14:04	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	1634-04-4	W
Naphthalene	51.9J	ug/kg	282	45.2	1	07/31/17 08:00	07/31/17 14:04	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-15AAA 4-6**      **Lab ID: 40154033004**      Collected: 07/27/17 10:45      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/31/17 08:00	07/31/17 14:04	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:04	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/31/17 08:00	07/31/17 14:04	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	118	%	68-130		1	07/31/17 08:00	07/31/17 14:04	1868-53-7	
Toluene-d8 (S)	121	%	68-149		1	07/31/17 08:00	07/31/17 14:04	2037-26-5	
4-Bromofluorobenzene (S)	106	%	58-141		1	07/31/17 08:00	07/31/17 14:04	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	11.5	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Sample: B-15AAA 6-8 Lab ID: 40154033005 Collected: 07/27/17 10:50 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/31/17 08:00	07/31/17 14:28	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/31/17 08:00	07/31/17 14:28	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/31/17 08:00	07/31/17 14:28	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/31/17 08:00	07/31/17 14:28	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/31/17 08:00	07/31/17 14:28	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-15AAA 6-8**      **Lab ID: 40154033005**      Collected: 07/27/17 10:50      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/31/17 08:00	07/31/17 14:28	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 14:28	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/31/17 08:00	07/31/17 14:28	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	119	%	68-130		1	07/31/17 08:00	07/31/17 14:28	1868-53-7	
Toluene-d8 (S)	122	%	68-149		1	07/31/17 08:00	07/31/17 14:28	2037-26-5	
4-Bromofluorobenzene (S)	106	%	58-141		1	07/31/17 08:00	07/31/17 14:28	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	15.7	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-15CCC 2-4**      **Lab ID: 40154033006**      Collected: 07/27/17 11:30      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	71-43-2	W
Bromobenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	108-86-1	W
Bromochloromethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	74-97-5	W
Bromodichloromethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	75-27-4	W
Bromoform	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	75-25-2	W
Bromomethane	<74.4	ug/kg	266	74.4	1	07/31/17 08:00	07/31/17 14:51	74-83-9	W
n-Butylbenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	104-51-8	W
sec-Butylbenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	135-98-8	W
tert-Butylbenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	98-06-6	W
Carbon tetrachloride	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	56-23-5	W
Chlorobenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	108-90-7	W
Chloroethane	<71.3	ug/kg	266	71.3	1	07/31/17 08:00	07/31/17 14:51	75-00-3	W
Chloroform	<49.4	ug/kg	266	49.4	1	07/31/17 08:00	07/31/17 14:51	67-66-3	W
Chloromethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	74-87-3	W
2-Chlorotoluene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	95-49-8	W
4-Chlorotoluene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	106-43-4	W
1,2-Dibromo-3-chloropropane	<97.1	ug/kg	266	97.1	1	07/31/17 08:00	07/31/17 14:51	96-12-8	W
Dibromochloromethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	124-48-1	W
1,2-Dibromoethane (EDB)	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	106-93-4	W
Dibromomethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	74-95-3	W
1,2-Dichlorobenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	95-50-1	W
1,3-Dichlorobenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	541-73-1	W
1,4-Dichlorobenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	106-46-7	W
Dichlorodifluoromethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	75-71-8	W
1,1-Dichloroethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	75-34-3	W
1,2-Dichloroethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	107-06-2	W
1,1-Dichloroethene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	75-35-4	W
cis-1,2-Dichloroethene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	156-59-2	W
trans-1,2-Dichloroethene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	156-60-5	W
1,2-Dichloropropane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	78-87-5	W
1,3-Dichloropropane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	142-28-9	W
2,2-Dichloropropane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	594-20-7	W
1,1-Dichloropropene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	563-58-6	W
cis-1,3-Dichloropropene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	10061-01-5	W
trans-1,3-Dichloropropene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	10061-02-6	W
Diisopropyl ether	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	108-20-3	W
Ethylbenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	100-41-4	W
Hexachloro-1,3-butadiene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	87-68-3	W
Isopropylbenzene (Cumene)	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	98-82-8	W
p-Isopropyltoluene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	99-87-6	W
Methylene Chloride	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	75-09-2	W
Methyl-tert-butyl ether	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	1634-04-4	W
Naphthalene	68.1J	ug/kg	290	46.4	1	07/31/17 08:00	07/31/17 14:51	91-20-3	W
n-Propylbenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	103-65-1	W
Styrene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	100-42-5	W

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-15CCC 2-4**      **Lab ID: 40154033006**      Collected: 07/27/17 11:30      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	630-20-6	W
1,1,1,2-Tetrachloroethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	79-34-5	W
Tetrachloroethene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	127-18-4	W
Toluene	57.4J	ug/kg	69.5	29.0	1	07/31/17 08:00	07/31/17 14:51	108-88-3	
1,2,3-Trichlorobenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	87-61-6	W
1,2,4-Trichlorobenzene	<50.6	ug/kg	266	50.6	1	07/31/17 08:00	07/31/17 14:51	120-82-1	W
1,1,1-Trichloroethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	71-55-6	W
1,1,2-Trichloroethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	79-00-5	W
Trichloroethene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	79-01-6	W
Trichlorofluoromethane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	75-69-4	W
1,2,3-Trichloropropane	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	96-18-4	W
1,2,4-Trimethylbenzene	33.2J	ug/kg	69.5	29.0	1	07/31/17 08:00	07/31/17 14:51	95-63-6	
1,3,5-Trimethylbenzene	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	108-67-8	W
Vinyl chloride	<26.6	ug/kg	63.8	26.6	1	07/31/17 08:00	07/31/17 14:51	75-01-4	W
Xylene (Total)	<79.8	ug/kg	191	79.8	1	07/31/17 08:00	07/31/17 14:51	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	116	%	68-130		1	07/31/17 08:00	07/31/17 14:51	1868-53-7	
Toluene-d8 (S)	119	%	68-149		1	07/31/17 08:00	07/31/17 14:51	2037-26-5	
4-Bromofluorobenzene (S)	106	%	58-141		1	07/31/17 08:00	07/31/17 14:51	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	8.2	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-15CCC 4-6**      **Lab ID: 40154033007**      Collected: 07/27/17 11:35      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	71-43-2	W
Bromobenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	108-86-1	W
Bromochloromethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	74-97-5	W
Bromodichloromethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	75-27-4	W
Bromoform	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	75-25-2	W
Bromomethane	<71.3	ug/kg	255	71.3	1	07/31/17 08:00	07/31/17 15:14	74-83-9	W
n-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	104-51-8	W
sec-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	135-98-8	W
tert-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	98-06-6	W
Carbon tetrachloride	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	56-23-5	W
Chlorobenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	108-90-7	W
Chloroethane	<68.4	ug/kg	255	68.4	1	07/31/17 08:00	07/31/17 15:14	75-00-3	W
Chloroform	<47.4	ug/kg	255	47.4	1	07/31/17 08:00	07/31/17 15:14	67-66-3	W
Chloromethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	74-87-3	W
2-Chlorotoluene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	95-49-8	W
4-Chlorotoluene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	106-43-4	W
1,2-Dibromo-3-chloropropane	<93.1	ug/kg	255	93.1	1	07/31/17 08:00	07/31/17 15:14	96-12-8	W
Dibromochloromethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	124-48-1	W
1,2-Dibromoethane (EDB)	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	106-93-4	W
Dibromomethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	74-95-3	W
1,2-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	95-50-1	W
1,3-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	541-73-1	W
1,4-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	106-46-7	W
Dichlorodifluoromethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	75-71-8	W
1,1-Dichloroethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	75-34-3	W
1,2-Dichloroethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	107-06-2	W
1,1-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	75-35-4	W
cis-1,2-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	156-59-2	W
trans-1,2-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	156-60-5	W
1,2-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	78-87-5	W
1,3-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	142-28-9	W
2,2-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	594-20-7	W
1,1-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	563-58-6	W
cis-1,3-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	10061-01-5	W
trans-1,3-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	10061-02-6	W
Diisopropyl ether	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	108-20-3	W
Ethylbenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	100-41-4	W
Hexachloro-1,3-butadiene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	87-68-3	W
Isopropylbenzene (Cumene)	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	98-82-8	W
p-Isopropyltoluene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	99-87-6	W
Methylene Chloride	29.9J	ug/kg	68.2	28.4	1	07/31/17 08:00	07/31/17 15:14	75-09-2	B
Methyl-tert-butyl ether	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	1634-04-4	W
Naphthalene	<40.9	ug/kg	255	40.9	1	07/31/17 08:00	07/31/17 15:14	91-20-3	W
n-Propylbenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	103-65-1	W
Styrene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	100-42-5	W

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-15CCC 4-6**      **Lab ID: 40154033007**      Collected: 07/27/17 11:35      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	79-34-5	W
Tetrachloroethene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	127-18-4	W
Toluene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	108-88-3	W
1,2,3-Trichlorobenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	87-61-6	W
1,2,4-Trichlorobenzene	<48.5	ug/kg	255	48.5	1	07/31/17 08:00	07/31/17 15:14	120-82-1	W
1,1,1-Trichloroethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	71-55-6	W
1,1,2-Trichloroethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	79-00-5	W
Trichloroethene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	79-01-6	W
Trichlorofluoromethane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	75-69-4	W
1,2,3-Trichloropropane	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	96-18-4	W
1,2,4-Trimethylbenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	95-63-6	W
1,3,5-Trimethylbenzene	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	108-67-8	W
Vinyl chloride	<25.5	ug/kg	61.2	25.5	1	07/31/17 08:00	07/31/17 15:14	75-01-4	W
Xylene (Total)	<76.5	ug/kg	184	76.5	1	07/31/17 08:00	07/31/17 15:14	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	114	%	68-130		1	07/31/17 08:00	07/31/17 15:14	1868-53-7	
Toluene-d8 (S)	114	%	68-149		1	07/31/17 08:00	07/31/17 15:14	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	07/31/17 08:00	07/31/17 15:14	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>10.2</b>	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-15CCC 6-8 Lab ID: 40154033008 Collected: 07/27/17 11:40 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	71-43-2	W
Bromobenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	108-86-1	W
Bromochloromethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	74-97-5	W
Bromodichloromethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	75-27-4	W
Bromoform	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	75-25-2	W
Bromomethane	<94.5	ug/kg	338	94.5	1	07/31/17 08:00	07/31/17 18:19	74-83-9	W
n-Butylbenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	104-51-8	W
sec-Butylbenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	135-98-8	W
tert-Butylbenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	98-06-6	W
Carbon tetrachloride	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	56-23-5	W
Chlorobenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	108-90-7	W
Chloroethane	<90.6	ug/kg	338	90.6	1	07/31/17 08:00	07/31/17 18:19	75-00-3	W
Chloroform	<62.8	ug/kg	338	62.8	1	07/31/17 08:00	07/31/17 18:19	67-66-3	W
Chloromethane	78.6J	ug/kg	101	41.9	1	07/31/17 08:00	07/31/17 18:19	74-87-3	
2-Chlorotoluene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	95-49-8	W
4-Chlorotoluene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	106-43-4	W
1,2-Dibromo-3-chloropropane	<123	ug/kg	338	123	1	07/31/17 08:00	07/31/17 18:19	96-12-8	W
Dibromochloromethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	124-48-1	W
1,2-Dibromoethane (EDB)	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	106-93-4	W
Dibromomethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	74-95-3	W
1,2-Dichlorobenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	95-50-1	W
1,3-Dichlorobenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	541-73-1	W
1,4-Dichlorobenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	106-46-7	W
Dichlorodifluoromethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	75-71-8	W
1,1-Dichloroethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	75-34-3	W
1,2-Dichloroethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	107-06-2	W
1,1-Dichloroethene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	75-35-4	W
cis-1,2-Dichloroethene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	156-59-2	W
trans-1,2-Dichloroethene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	156-60-5	W
1,2-Dichloropropane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	78-87-5	W
1,3-Dichloropropane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	142-28-9	W
2,2-Dichloropropane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	594-20-7	W
1,1-Dichloropropene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	563-58-6	W
cis-1,3-Dichloropropene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	10061-01-5	W
trans-1,3-Dichloropropene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	10061-02-6	W
Diisopropyl ether	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	108-20-3	W
Ethylbenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	100-41-4	W
Hexachloro-1,3-butadiene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	87-68-3	W
Isopropylbenzene (Cumene)	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	98-82-8	W
p-Isopropyltoluene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	99-87-6	W
Methylene Chloride	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	75-09-2	W
Methyl-tert-butyl ether	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	1634-04-4	W
Naphthalene	122J	ug/kg	419	67.2	1	07/31/17 08:00	07/31/17 18:19	91-20-3	
n-Propylbenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	103-65-1	W
Styrene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-15CCC 6-8**      **Lab ID: 40154033008**      Collected: 07/27/17 11:40      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	630-20-6	W
1,1,1,2-Tetrachloroethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	79-34-5	W
Tetrachloroethene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	127-18-4	W
Toluene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	108-88-3	W
1,2,3-Trichlorobenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	87-61-6	W
1,2,4-Trichlorobenzene	<64.3	ug/kg	338	64.3	1	07/31/17 08:00	07/31/17 18:19	120-82-1	W
1,1,1-Trichloroethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	71-55-6	W
1,1,2-Trichloroethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	79-00-5	W
Trichloroethene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	79-01-6	W
Trichlorofluoromethane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	75-69-4	W
1,2,3-Trichloropropane	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	96-18-4	W
1,2,4-Trimethylbenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	95-63-6	W
1,3,5-Trimethylbenzene	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	108-67-8	W
Vinyl chloride	<33.8	ug/kg	81.1	33.8	1	07/31/17 08:00	07/31/17 18:19	75-01-4	W
Xylene (Total)	<101	ug/kg	243	101	1	07/31/17 08:00	07/31/17 18:19	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	68-130		1	07/31/17 08:00	07/31/17 18:19	1868-53-7	
Toluene-d8 (S)	105	%	68-149		1	07/31/17 08:00	07/31/17 18:19	2037-26-5	
4-Bromofluorobenzene (S)	90	%	58-141		1	07/31/17 08:00	07/31/17 18:19	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	19.5	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-23 4-6 Lab ID: 40154033009 Collected: 07/27/17 14:25 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/31/17 08:00	07/31/17 15:37	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/31/17 08:00	07/31/17 15:37	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/31/17 08:00	07/31/17 15:37	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/31/17 08:00	07/31/17 15:37	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/31/17 08:00	07/31/17 15:37	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	100-42-5	W

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-23 4-6**      **Lab ID: 40154033009**      Collected: 07/27/17 14:25      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/31/17 08:00	07/31/17 15:37	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	79-00-5	W
Trichloroethene	34.1J	ug/kg	69.0	28.8	1	07/31/17 08:00	07/31/17 15:37	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 15:37	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/31/17 08:00	07/31/17 15:37	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	07/31/17 08:00	07/31/17 15:37	1868-53-7	
Toluene-d8 (S)	115	%	68-149		1	07/31/17 08:00	07/31/17 15:37	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	07/31/17 08:00	07/31/17 15:37	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	13.1	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-23A 2-4 Lab ID: 40154033010 Collected: 07/27/17 14:10 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/31/17 08:00	07/31/17 16:00	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/31/17 08:00	07/31/17 16:00	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/31/17 08:00	07/31/17 16:00	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/31/17 08:00	07/31/17 16:00	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/31/17 08:00	07/31/17 16:00	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	100-42-5	W

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-23A 2-4**      **Lab ID: 40154033010**      Collected: 07/27/17 14:10      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/31/17 08:00	07/31/17 16:00	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:00	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/31/17 08:00	07/31/17 16:00	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	68-130		1	07/31/17 08:00	07/31/17 16:00	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	07/31/17 08:00	07/31/17 16:00	2037-26-5	
4-Bromofluorobenzene (S)	102	%	58-141		1	07/31/17 08:00	07/31/17 16:00	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	9.0	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-23A 4-6 Lab ID: 40154033011 Collected: 07/27/17 14:15 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/31/17 08:00	07/31/17 16:23	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/31/17 08:00	07/31/17 16:23	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/31/17 08:00	07/31/17 16:23	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/31/17 08:00	07/31/17 16:23	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/31/17 08:00	07/31/17 16:23	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-23A 4-6**      **Lab ID: 40154033011**      Collected: 07/27/17 14:15      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/31/17 08:00	07/31/17 16:23	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:23	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/31/17 08:00	07/31/17 16:23	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	114	%	68-130		1	07/31/17 08:00	07/31/17 16:23	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	07/31/17 08:00	07/31/17 16:23	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	07/31/17 08:00	07/31/17 16:23	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	4.8	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-23A 6-8 Lab ID: 40154033012 Collected: 07/27/17 14:20 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/31/17 08:00	07/31/17 16:47	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/31/17 08:00	07/31/17 16:47	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/31/17 08:00	07/31/17 16:47	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/31/17 08:00	07/31/17 16:47	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	99-87-6	W
Methylene Chloride	28.6J	ug/kg	63.4	26.4	1	07/31/17 08:00	07/31/17 16:47	75-09-2	B
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/31/17 08:00	07/31/17 16:47	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-23A 6-8**      **Lab ID: 40154033012**      Collected: 07/27/17 14:20      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/31/17 08:00	07/31/17 16:47	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 16:47	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/31/17 08:00	07/31/17 16:47	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	123	%	68-130		1	07/31/17 08:00	07/31/17 16:47	1868-53-7	
Toluene-d8 (S)	121	%	68-149		1	07/31/17 08:00	07/31/17 16:47	2037-26-5	
4-Bromofluorobenzene (S)	106	%	58-141		1	07/31/17 08:00	07/31/17 16:47	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	5.3	%	0.10	0.10	1		07/31/17 17:26		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-23B 2-4 Lab ID: 40154033013 Collected: 07/27/17 14:55 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/31/17 08:00	07/31/17 17:10	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/31/17 08:00	07/31/17 17:10	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/31/17 08:00	07/31/17 17:10	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/31/17 08:00	07/31/17 17:10	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	1634-04-4	W
Naphthalene	73.8J	ug/kg	262	42.0	1	07/31/17 08:00	07/31/17 17:10	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-23B 2-4**      **Lab ID: 40154033013**      Collected: 07/27/17 14:55      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/31/17 08:00	07/31/17 17:10	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:10	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/31/17 08:00	07/31/17 17:10	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	118	%	68-130		1	07/31/17 08:00	07/31/17 17:10	1868-53-7	
Toluene-d8 (S)	125	%	68-149		1	07/31/17 08:00	07/31/17 17:10	2037-26-5	
4-Bromofluorobenzene (S)	111	%	58-141		1	07/31/17 08:00	07/31/17 17:10	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	4.6	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-23B 4-6**      **Lab ID: 40154033014**      Collected: 07/27/17 15:00      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/31/17 08:00	07/31/17 17:33	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/31/17 08:00	07/31/17 17:33	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/31/17 08:00	07/31/17 17:33	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/31/17 08:00	07/31/17 17:33	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/31/17 08:00	07/31/17 17:33	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-23B 4-6**      **Lab ID: 40154033014**      Collected: 07/27/17 15:00      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/31/17 08:00	07/31/17 17:33	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/31/17 08:00	07/31/17 17:33	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/31/17 08:00	07/31/17 17:33	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	68-130		1	07/31/17 08:00	07/31/17 17:33	1868-53-7	
Toluene-d8 (S)	115	%	68-149		1	07/31/17 08:00	07/31/17 17:33	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	07/31/17 08:00	07/31/17 17:33	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>10.9</b>	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-23B 6-8 Lab ID: 40154033015 Collected: 07/27/17 15:05 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/02/17 09:30	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/02/17 09:30	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/02/17 09:30	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/02/17 09:30	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:30	08/02/17 09:30	91-20-3	L1,W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-23B 6-8**      **Lab ID: 40154033015**      Collected: 07/27/17 15:05      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/02/17 09:30	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:30	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/02/17 09:30	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	08/01/17 07:30	08/02/17 09:30	1868-53-7	
Toluene-d8 (S)	107	%	68-149		1	08/01/17 07:30	08/02/17 09:30	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	08/01/17 07:30	08/02/17 09:30	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	3.5	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-23C 2-4 Lab ID: 40154033016 Collected: 07/27/17 14:35 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/02/17 09:53	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/02/17 09:53	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/02/17 09:53	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/02/17 09:53	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	99-87-6	W
Methylene Chloride	34.7J	ug/kg	70.5	29.4	1	08/01/17 07:30	08/02/17 09:53	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:30	08/02/17 09:53	91-20-3	L1,W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-23C 2-4**      **Lab ID: 40154033016**      Collected: 07/27/17 14:35      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/02/17 09:53	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 09:53	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/02/17 09:53	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	68-130		1	08/01/17 07:30	08/02/17 09:53	1868-53-7	
Toluene-d8 (S)	105	%	68-149		1	08/01/17 07:30	08/02/17 09:53	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	08/01/17 07:30	08/02/17 09:53	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>14.9</b>	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-23C 4-6 Lab ID: 40154033017 Collected: 07/27/17 14:40 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/02/17 10:24	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/02/17 10:24	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/02/17 10:24	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/02/17 10:24	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	99-87-6	W
Methylene Chloride	33.5J	ug/kg	69.9	29.1	1	08/01/17 07:30	08/02/17 10:24	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:30	08/02/17 10:24	91-20-3	L1,W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-23C 4-6**      **Lab ID: 40154033017**      Collected: 07/27/17 14:40      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/02/17 10:24	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/02/17 10:24	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/02/17 10:24	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	68-130		1	08/01/17 07:30	08/02/17 10:24	1868-53-7	
Toluene-d8 (S)	115	%	68-149		1	08/01/17 07:30	08/02/17 10:24	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	08/01/17 07:30	08/02/17 10:24	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	14.2	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-23C 6-8**      **Lab ID: 40154033018**      Collected: 07/27/17 14:45      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 14:35	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 14:35	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 14:35	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 14:35	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	99-87-6	W
Methylene Chloride	32.0J	ug/kg	72.2	30.1	1	08/01/17 07:30	08/01/17 14:35	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:30	08/01/17 14:35	91-20-3	L1,W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-23C 6-8**      **Lab ID: 40154033018**      Collected: 07/27/17 14:45      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 14:35	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 14:35	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/01/17 14:35	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	122	%	68-130		1	08/01/17 07:30	08/01/17 14:35	1868-53-7	
Toluene-d8 (S)	125	%	68-149		1	08/01/17 07:30	08/01/17 14:35	2037-26-5	
4-Bromofluorobenzene (S)	110	%	58-141		1	08/01/17 07:30	08/01/17 14:35	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>16.8</b>	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25 2-4 Lab ID: 40154033019 Collected: 07/27/17 12:40 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	71-43-2	W
Bromobenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	108-86-1	W
Bromochloromethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	74-97-5	W
Bromodichloromethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	75-27-4	W
Bromoform	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	75-25-2	W
Bromomethane	<71.3	ug/kg	255	71.3	1	08/01/17 07:30	08/01/17 14:58	74-83-9	W
n-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	104-51-8	W
sec-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	135-98-8	W
tert-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	98-06-6	W
Carbon tetrachloride	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	56-23-5	W
Chlorobenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	108-90-7	W
Chloroethane	<68.4	ug/kg	255	68.4	1	08/01/17 07:30	08/01/17 14:58	75-00-3	W
Chloroform	<47.4	ug/kg	255	47.4	1	08/01/17 07:30	08/01/17 14:58	67-66-3	W
Chloromethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	74-87-3	W
2-Chlorotoluene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	95-49-8	W
4-Chlorotoluene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	106-43-4	W
1,2-Dibromo-3-chloropropane	<93.1	ug/kg	255	93.1	1	08/01/17 07:30	08/01/17 14:58	96-12-8	W
Dibromochloromethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	124-48-1	W
1,2-Dibromoethane (EDB)	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	106-93-4	W
Dibromomethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	74-95-3	W
1,2-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	95-50-1	W
1,3-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	541-73-1	W
1,4-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	106-46-7	W
Dichlorodifluoromethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	75-71-8	W
1,1-Dichloroethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	75-34-3	W
1,2-Dichloroethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	107-06-2	W
1,1-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	75-35-4	W
cis-1,2-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	156-59-2	W
trans-1,2-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	156-60-5	W
1,2-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	78-87-5	W
1,3-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	142-28-9	W
2,2-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	594-20-7	W
1,1-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	563-58-6	W
cis-1,3-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	10061-01-5	W
trans-1,3-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	10061-02-6	W
Diisopropyl ether	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	108-20-3	W
Ethylbenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	100-41-4	W
Hexachloro-1,3-butadiene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	87-68-3	W
Isopropylbenzene (Cumene)	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	98-82-8	W
p-Isopropyltoluene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	99-87-6	W
Methylene Chloride	27.8J	ug/kg	66.1	27.6	1	08/01/17 07:30	08/01/17 14:58	75-09-2	
Methyl-tert-butyl ether	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	1634-04-4	W
Naphthalene	48.5J	ug/kg	276	44.1	1	08/01/17 07:30	08/01/17 14:58	91-20-3	L1
n-Propylbenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	103-65-1	W
Styrene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25 2-4**      **Lab ID: 40154033019**      Collected: 07/27/17 12:40      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	79-34-5	W
Tetrachloroethene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	127-18-4	W
Toluene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	108-88-3	W
1,2,3-Trichlorobenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	87-61-6	W
1,2,4-Trichlorobenzene	<48.5	ug/kg	255	48.5	1	08/01/17 07:30	08/01/17 14:58	120-82-1	W
1,1,1-Trichloroethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	71-55-6	W
1,1,2-Trichloroethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	79-00-5	W
Trichloroethene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	79-01-6	W
Trichlorofluoromethane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	75-69-4	W
1,2,3-Trichloropropane	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	96-18-4	W
1,2,4-Trimethylbenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	95-63-6	W
1,3,5-Trimethylbenzene	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	108-67-8	W
Vinyl chloride	<25.5	ug/kg	61.2	25.5	1	08/01/17 07:30	08/01/17 14:58	75-01-4	W
Xylene (Total)	<76.5	ug/kg	184	76.5	1	08/01/17 07:30	08/01/17 14:58	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	116	%	68-130		1	08/01/17 07:30	08/01/17 14:58	1868-53-7	
Toluene-d8 (S)	119	%	68-149		1	08/01/17 07:30	08/01/17 14:58	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	08/01/17 07:30	08/01/17 14:58	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	7.4	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25 4-6 Lab ID: 40154033020 Collected: 07/27/17 12:45 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	33.2J	ug/kg	76.0	31.7	1	08/01/17 07:30	08/01/17 15:21	71-43-2	
Bromobenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	108-86-1	W
Bromochloromethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	74-97-5	W
Bromodichloromethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	75-27-4	W
Bromoform	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	75-25-2	W
Bromomethane	<77.7	ug/kg	278	77.7	1	08/01/17 07:30	08/01/17 15:21	74-83-9	W
n-Butylbenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	104-51-8	W
sec-Butylbenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	135-98-8	W
tert-Butylbenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	98-06-6	W
Carbon tetrachloride	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	56-23-5	W
Chlorobenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	108-90-7	W
Chloroethane	<74.5	ug/kg	278	74.5	1	08/01/17 07:30	08/01/17 15:21	75-00-3	W
Chloroform	<51.6	ug/kg	278	51.6	1	08/01/17 07:30	08/01/17 15:21	67-66-3	W
Chloromethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	74-87-3	W
2-Chlorotoluene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	95-49-8	W
4-Chlorotoluene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	106-43-4	W
1,2-Dibromo-3-chloropropane	<101	ug/kg	278	101	1	08/01/17 07:30	08/01/17 15:21	96-12-8	W
Dibromochloromethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	124-48-1	W
1,2-Dibromoethane (EDB)	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	106-93-4	W
Dibromomethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	74-95-3	W
1,2-Dichlorobenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	95-50-1	W
1,3-Dichlorobenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	541-73-1	W
1,4-Dichlorobenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	106-46-7	W
Dichlorodifluoromethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	75-71-8	W
1,1-Dichloroethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	75-34-3	W
1,2-Dichloroethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	107-06-2	W
1,1-Dichloroethene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	75-35-4	W
cis-1,2-Dichloroethene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	156-59-2	W
trans-1,2-Dichloroethene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	156-60-5	W
1,2-Dichloropropane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	78-87-5	W
1,3-Dichloropropane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	142-28-9	W
2,2-Dichloropropane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	594-20-7	W
1,1-Dichloropropene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	563-58-6	W
cis-1,3-Dichloropropene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	10061-01-5	W
trans-1,3-Dichloropropene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	10061-02-6	W
Diisopropyl ether	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	108-20-3	W
Ethylbenzene	44.0J	ug/kg	76.0	31.7	1	08/01/17 07:30	08/01/17 15:21	100-41-4	
Hexachloro-1,3-butadiene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	87-68-3	W
Isopropylbenzene (Cumene)	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	98-82-8	W
p-Isopropyltoluene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	99-87-6	W
Methylene Chloride	33.0J	ug/kg	76.0	31.7	1	08/01/17 07:30	08/01/17 15:21	75-09-2	
Methyl-tert-butyl ether	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	1634-04-4	W
Naphthalene	238J	ug/kg	317	50.7	1	08/01/17 07:30	08/01/17 15:21	91-20-3	L1
n-Propylbenzene	36.8J	ug/kg	76.0	31.7	1	08/01/17 07:30	08/01/17 15:21	103-65-1	
Styrene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-25 4-6**      **Lab ID: 40154033020**      Collected: 07/27/17 12:45      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	630-20-6	W
1,1,1,2-Tetrachloroethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	79-34-5	W
Tetrachloroethene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	127-18-4	W
Toluene	222	ug/kg	76.0	31.7	1	08/01/17 07:30	08/01/17 15:21	108-88-3	
1,2,3-Trichlorobenzene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	87-61-6	W
1,2,4-Trichlorobenzene	<52.8	ug/kg	278	52.8	1	08/01/17 07:30	08/01/17 15:21	120-82-1	W
1,1,1-Trichloroethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	71-55-6	W
1,1,2-Trichloroethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	79-00-5	W
Trichloroethene	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	79-01-6	W
Trichlorofluoromethane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	75-69-4	W
1,2,3-Trichloropropane	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	96-18-4	W
1,2,4-Trimethylbenzene	137	ug/kg	76.0	31.7	1	08/01/17 07:30	08/01/17 15:21	95-63-6	
1,3,5-Trimethylbenzene	45.3J	ug/kg	76.0	31.7	1	08/01/17 07:30	08/01/17 15:21	108-67-8	
Vinyl chloride	<27.8	ug/kg	66.7	27.8	1	08/01/17 07:30	08/01/17 15:21	75-01-4	W
Xylene (Total)	413	ug/kg	228	95.0	1	08/01/17 07:30	08/01/17 15:21	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	68-130		1	08/01/17 07:30	08/01/17 15:21	1868-53-7	
Toluene-d8 (S)	116	%	68-149		1	08/01/17 07:30	08/01/17 15:21	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	08/01/17 07:30	08/01/17 15:21	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.3	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25 6-8 Lab ID: 40154033021 Collected: 07/27/17 12:50 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 15:45	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 15:45	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 15:45	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 15:45	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	1634-04-4	W
Naphthalene	91.1J	ug/kg	293	46.9	1	08/01/17 07:30	08/01/17 15:45	91-20-3	L1
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	100-42-5	W

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-25 6-8**      **Lab ID: 40154033021**      Collected: 07/27/17 12:50      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 15:45	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 15:45	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/01/17 15:45	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	68-130		1	08/01/17 07:30	08/01/17 15:45	1868-53-7	
Toluene-d8 (S)	119	%	68-149		1	08/01/17 07:30	08/01/17 15:45	2037-26-5	
4-Bromofluorobenzene (S)	105	%	58-141		1	08/01/17 07:30	08/01/17 15:45	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>14.6</b>	%	0.10	0.10	1		07/31/17 17:27		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25 8-10 Lab ID: 40154033022 Collected: 07/27/17 12:55 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 16:08	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 16:08	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 16:08	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 16:08	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	1634-04-4	W
Naphthalene	952	ug/kg	297	47.6	1	08/01/17 07:30	08/01/17 16:08	91-20-3	L1
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25 8-10**      **Lab ID: 40154033022**      Collected: 07/27/17 12:55      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 16:08	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	96-18-4	W
1,2,4-Trimethylbenzene	36.9J	ug/kg	71.3	29.7	1	08/01/17 07:30	08/01/17 16:08	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:08	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/01/17 16:08	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	08/01/17 07:30	08/01/17 16:08	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	08/01/17 07:30	08/01/17 16:08	2037-26-5	
4-Bromofluorobenzene (S)	98	%	58-141		1	08/01/17 07:30	08/01/17 16:08	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	15.9	%	0.10	0.10	1		08/03/17 18:42		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25A 2-4 Lab ID: 40154033023 Collected: 07/27/17 12:15 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 16:31	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 16:31	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 16:31	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 16:31	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	99-87-6	W
Methylene Chloride	29.9J	ug/kg	65.7	27.4	1	08/01/17 07:30	08/01/17 16:31	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	1634-04-4	W
Naphthalene	102J	ug/kg	274	43.9	1	08/01/17 07:30	08/01/17 16:31	91-20-3	L1
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25A 2-4**      **Lab ID: 40154033023**      Collected: 07/27/17 12:15      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	127-18-4	W
Toluene	29.5J	ug/kg	65.7	27.4	1	08/01/17 07:30	08/01/17 16:31	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 16:31	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	96-18-4	W
1,2,4-Trimethylbenzene	29.3J	ug/kg	65.7	27.4	1	08/01/17 07:30	08/01/17 16:31	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:31	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/01/17 16:31	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	68-130		1	08/01/17 07:30	08/01/17 16:31	1868-53-7	
Toluene-d8 (S)	114	%	68-149		1	08/01/17 07:30	08/01/17 16:31	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	08/01/17 07:30	08/01/17 16:31	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	8.7	%	0.10	0.10	1		08/03/17 18:42		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Sample: B-25A 4-6 Lab ID: 40154033024 Collected: 07/27/17 12:20 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	706	ug/kg	134	56.0	1	08/01/17 07:30	08/01/17 20:45	71-43-2	
Bromobenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	108-86-1	W
Bromochloromethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	74-97-5	W
Bromodichloromethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	75-27-4	W
Bromoform	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	75-25-2	W
Bromomethane	<138	ug/kg	493	138	1	08/01/17 07:30	08/01/17 20:45	74-83-9	W
n-Butylbenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	104-51-8	W
sec-Butylbenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	135-98-8	W
tert-Butylbenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	98-06-6	W
Carbon tetrachloride	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	56-23-5	W
Chlorobenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	108-90-7	W
Chloroethane	<132	ug/kg	493	132	1	08/01/17 07:30	08/01/17 20:45	75-00-3	W
Chloroform	<91.5	ug/kg	493	91.5	1	08/01/17 07:30	08/01/17 20:45	67-66-3	W
Chloromethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	74-87-3	W
2-Chlorotoluene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	95-49-8	W
4-Chlorotoluene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	106-43-4	W
1,2-Dibromo-3-chloropropane	<180	ug/kg	493	180	1	08/01/17 07:30	08/01/17 20:45	96-12-8	W
Dibromochloromethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	124-48-1	W
1,2-Dibromoethane (EDB)	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	106-93-4	W
Dibromomethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	74-95-3	W
1,2-Dichlorobenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	95-50-1	W
1,3-Dichlorobenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	541-73-1	W
1,4-Dichlorobenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	106-46-7	W
Dichlorodifluoromethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	75-71-8	W
1,1-Dichloroethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	75-34-3	W
1,2-Dichloroethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	107-06-2	W
1,1-Dichloroethene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	75-35-4	W
cis-1,2-Dichloroethene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	156-59-2	W
trans-1,2-Dichloroethene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	156-60-5	W
1,2-Dichloropropane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	78-87-5	W
1,3-Dichloropropane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	142-28-9	W
2,2-Dichloropropane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	594-20-7	W
1,1-Dichloropropene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	563-58-6	W
cis-1,3-Dichloropropene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	10061-01-5	W
trans-1,3-Dichloropropene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	10061-02-6	W
Diisopropyl ether	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	108-20-3	W
Ethylbenzene	239	ug/kg	134	56.0	1	08/01/17 07:30	08/01/17 20:45	100-41-4	
Hexachloro-1,3-butadiene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	87-68-3	W
Isopropylbenzene (Cumene)	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	98-82-8	W
p-Isopropyltoluene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	99-87-6	W
Methylene Chloride	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	75-09-2	W
Methyl-tert-butyl ether	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	1634-04-4	W
Naphthalene	244J	ug/kg	560	89.7	1	08/01/17 07:30	08/01/17 20:45	91-20-3	L1
n-Propylbenzene	87.7J	ug/kg	134	56.0	1	08/01/17 07:30	08/01/17 20:45	103-65-1	
Styrene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25A 4-6**      **Lab ID: 40154033024**      Collected: 07/27/17 12:20      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	630-20-6	W
1,1,2,2-Tetrachloroethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	79-34-5	W
Tetrachloroethene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	127-18-4	W
Toluene	1720	ug/kg	134	56.0	1	08/01/17 07:30	08/01/17 20:45	108-88-3	
1,2,3-Trichlorobenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	87-61-6	W
1,2,4-Trichlorobenzene	<93.7	ug/kg	493	93.7	1	08/01/17 07:30	08/01/17 20:45	120-82-1	W
1,1,1-Trichloroethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	71-55-6	W
1,1,2-Trichloroethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	79-00-5	W
Trichloroethene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	79-01-6	W
Trichlorofluoromethane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	75-69-4	W
1,2,3-Trichloropropane	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	96-18-4	W
1,2,4-Trimethylbenzene	204	ug/kg	134	56.0	1	08/01/17 07:30	08/01/17 20:45	95-63-6	
1,3,5-Trimethylbenzene	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	108-67-8	W
Vinyl chloride	<49.3	ug/kg	118	49.3	1	08/01/17 07:30	08/01/17 20:45	75-01-4	W
Xylene (Total)	848	ug/kg	403	168	1	08/01/17 07:30	08/01/17 20:45	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	08/01/17 07:30	08/01/17 20:45	1868-53-7	
Toluene-d8 (S)	110	%	68-149		1	08/01/17 07:30	08/01/17 20:45	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	08/01/17 07:30	08/01/17 20:45	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	12.0	%	0.10	0.10	1		08/03/17 18:42		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25A 6-8 Lab ID: 40154033025 Collected: 07/27/17 12:25 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 16:54	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 16:54	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 16:54	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 16:54	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	1634-04-4	W
Naphthalene	132J	ug/kg	292	46.8	1	08/01/17 07:30	08/01/17 16:54	91-20-3	L1
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-25A 6-8**      **Lab ID: 40154033025**      Collected: 07/27/17 12:25      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	127-18-4	W
Toluene	42.1J	ug/kg	70.2	29.2	1	08/01/17 07:30	08/01/17 16:54	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 16:54	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	96-18-4	W
1,2,4-Trimethylbenzene	57.9J	ug/kg	70.2	29.2	1	08/01/17 07:30	08/01/17 16:54	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 16:54	75-01-4	W
Xylene (Total)	142J	ug/kg	211	87.7	1	08/01/17 07:30	08/01/17 16:54	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	118	%	68-130		1	08/01/17 07:30	08/01/17 16:54	1868-53-7	
Toluene-d8 (S)	121	%	68-149		1	08/01/17 07:30	08/01/17 16:54	2037-26-5	
4-Bromofluorobenzene (S)	105	%	58-141		1	08/01/17 07:30	08/01/17 16:54	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	14.5	%	0.10	0.10	1		08/03/17 18:42		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25B 2-4**      **Lab ID: 40154033026**      Collected: 07/27/17 13:00      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	71-43-2	W
Bromobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	108-86-1	W
Bromochloromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	74-97-5	W
Bromodichloromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	75-27-4	W
Bromoform	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	75-25-2	W
Bromomethane	<92.0	ug/kg	329	92.0	1	08/01/17 07:30	08/01/17 17:17	74-83-9	W
n-Butylbenzene	110	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	104-51-8	
sec-Butylbenzene	82.7J	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	135-98-8	
tert-Butylbenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	98-06-6	W
Carbon tetrachloride	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	56-23-5	W
Chlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	108-90-7	W
Chloroethane	<88.2	ug/kg	329	88.2	1	08/01/17 07:30	08/01/17 17:17	75-00-3	W
Chloroform	<61.1	ug/kg	329	61.1	1	08/01/17 07:30	08/01/17 17:17	67-66-3	W
Chloromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	74-87-3	W
2-Chlorotoluene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	95-49-8	W
4-Chlorotoluene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	106-43-4	W
1,2-Dibromo-3-chloropropane	<120	ug/kg	329	120	1	08/01/17 07:30	08/01/17 17:17	96-12-8	W
Dibromochloromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	124-48-1	W
1,2-Dibromoethane (EDB)	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	106-93-4	W
Dibromomethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	74-95-3	W
1,2-Dichlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	95-50-1	W
1,3-Dichlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	541-73-1	W
1,4-Dichlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	106-46-7	W
Dichlorodifluoromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	75-71-8	W
1,1-Dichloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	75-34-3	W
1,2-Dichloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	107-06-2	W
1,1-Dichloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	75-35-4	W
cis-1,2-Dichloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	156-59-2	W
trans-1,2-Dichloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	156-60-5	W
1,2-Dichloropropane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	78-87-5	W
1,3-Dichloropropane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	142-28-9	W
2,2-Dichloropropane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	594-20-7	W
1,1-Dichloropropene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	563-58-6	W
cis-1,3-Dichloropropene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	10061-01-5	W
trans-1,3-Dichloropropene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	10061-02-6	W
Diisopropyl ether	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	108-20-3	W
Ethylbenzene	44.2J	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	100-41-4	
Hexachloro-1,3-butadiene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	87-68-3	W
Isopropylbenzene (Cumene)	42.9J	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	98-82-8	
p-Isopropyltoluene	59.9J	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	99-87-6	
Methylene Chloride	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	75-09-2	W
Methyl-tert-butyl ether	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	1634-04-4	W
Naphthalene	261J	ug/kg	376	60.2	1	08/01/17 07:30	08/01/17 17:17	91-20-3	L1
n-Propylbenzene	81.7J	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	103-65-1	
Styrene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	100-42-5	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25B 2-4**      **Lab ID: 40154033026**      Collected: 07/27/17 13:00      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	630-20-6	W
1,1,2,2-Tetrachloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	79-34-5	W
Tetrachloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	127-18-4	W
Toluene	111	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	108-88-3	
1,2,3-Trichlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	87-61-6	W
1,2,4-Trichlorobenzene	<62.6	ug/kg	329	62.6	1	08/01/17 07:30	08/01/17 17:17	120-82-1	W
1,1,1-Trichloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	71-55-6	W
1,1,2-Trichloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	79-00-5	W
Trichloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	79-01-6	W
Trichlorofluoromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	75-69-4	W
1,2,3-Trichloropropane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	96-18-4	W
1,2,4-Trimethylbenzene	257	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	95-63-6	
1,3,5-Trimethylbenzene	153	ug/kg	90.2	37.6	1	08/01/17 07:30	08/01/17 17:17	108-67-8	
Vinyl chloride	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 17:17	75-01-4	W
Xylene (Total)	249J	ug/kg	271	113	1	08/01/17 07:30	08/01/17 17:17	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	08/01/17 07:30	08/01/17 17:17	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	08/01/17 07:30	08/01/17 17:17	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	08/01/17 07:30	08/01/17 17:17	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	12.5	%	0.10	0.10	1		08/03/17 18:42		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25B 4-6 Lab ID: 40154033027 Collected: 07/27/17 13:05 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	71-43-2	W
Bromobenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	108-86-1	W
Bromochloromethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	74-97-5	W
Bromodichloromethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	75-27-4	W
Bromoform	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	75-25-2	W
Bromomethane	<152	ug/kg	544	152	1	08/01/17 07:30	08/01/17 17:40	74-83-9	W
n-Butylbenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	104-51-8	W
sec-Butylbenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	135-98-8	W
tert-Butylbenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	98-06-6	W
Carbon tetrachloride	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	56-23-5	W
Chlorobenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	108-90-7	W
Chloroethane	<146	ug/kg	544	146	1	08/01/17 07:30	08/01/17 17:40	75-00-3	W
Chloroform	<101	ug/kg	544	101	1	08/01/17 07:30	08/01/17 17:40	67-66-3	W
Chloromethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	74-87-3	W
2-Chlorotoluene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	95-49-8	W
4-Chlorotoluene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	106-43-4	W
1,2-Dibromo-3-chloropropane	<199	ug/kg	544	199	1	08/01/17 07:30	08/01/17 17:40	96-12-8	W
Dibromochloromethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	124-48-1	W
1,2-Dibromoethane (EDB)	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	106-93-4	W
Dibromomethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	74-95-3	W
1,2-Dichlorobenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	95-50-1	W
1,3-Dichlorobenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	541-73-1	W
1,4-Dichlorobenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	106-46-7	W
Dichlorodifluoromethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	75-71-8	W
1,1-Dichloroethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	75-34-3	W
1,2-Dichloroethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	107-06-2	W
1,1-Dichloroethene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	75-35-4	W
cis-1,2-Dichloroethene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	156-59-2	W
trans-1,2-Dichloroethene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	156-60-5	W
1,2-Dichloropropane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	78-87-5	W
1,3-Dichloropropane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	142-28-9	W
2,2-Dichloropropane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	594-20-7	W
1,1-Dichloropropene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	563-58-6	W
cis-1,3-Dichloropropene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	10061-01-5	W
trans-1,3-Dichloropropene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	10061-02-6	W
Diisopropyl ether	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	108-20-3	W
Ethylbenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	100-41-4	W
Hexachloro-1,3-butadiene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	87-68-3	W
Isopropylbenzene (Cumene)	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	98-82-8	W
p-Isopropyltoluene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	99-87-6	W
Methylene Chloride	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	75-09-2	W
Methyl-tert-butyl ether	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	1634-04-4	W
Naphthalene	310J	ug/kg	641	103	1	08/01/17 07:30	08/01/17 17:40	91-20-3	L1
n-Propylbenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	103-65-1	W
Styrene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25B 4-6**      **Lab ID: 40154033027**      Collected: 07/27/17 13:05      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	630-20-6	W
1,1,1,2-Tetrachloroethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	79-34-5	W
Tetrachloroethene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	127-18-4	W
Toluene	81.6J	ug/kg	154	64.1	1	08/01/17 07:30	08/01/17 17:40	108-88-3	
1,2,3-Trichlorobenzene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	87-61-6	W
1,2,4-Trichlorobenzene	<103	ug/kg	544	103	1	08/01/17 07:30	08/01/17 17:40	120-82-1	W
1,1,1-Trichloroethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	71-55-6	W
1,1,2-Trichloroethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	79-00-5	W
Trichloroethene	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	79-01-6	W
Trichlorofluoromethane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	75-69-4	W
1,2,3-Trichloropropane	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	96-18-4	W
1,2,4-Trimethylbenzene	90.2J	ug/kg	154	64.1	1	08/01/17 07:30	08/01/17 17:40	95-63-6	
1,3,5-Trimethylbenzene	70.8J	ug/kg	154	64.1	1	08/01/17 07:30	08/01/17 17:40	108-67-8	
Vinyl chloride	<54.4	ug/kg	131	54.4	1	08/01/17 07:30	08/01/17 17:40	75-01-4	W
Xylene (Total)	192J	ug/kg	461	192	1	08/01/17 07:30	08/01/17 17:40	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	68-130		1	08/01/17 07:30	08/01/17 17:40	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	08/01/17 07:30	08/01/17 17:40	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	08/01/17 07:30	08/01/17 17:40	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	15.1	%	0.10	0.10	1		08/03/17 18:42		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25B 6-8 Lab ID: 40154033028 Collected: 07/27/17 13:10 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 18:03	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 18:03	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 18:03	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 18:03	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:30	08/01/17 18:03	91-20-3	L1,W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25B 6-8**      **Lab ID: 40154033028**      Collected: 07/27/17 13:10      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 18:03	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	96-18-4	W
1,2,4-Trimethylbenzene	29.3J	ug/kg	68.0	28.3	1	08/01/17 07:30	08/01/17 18:03	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:03	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/01/17 18:03	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	118	%	68-130		1	08/01/17 07:30	08/01/17 18:03	1868-53-7	
Toluene-d8 (S)	123	%	68-149		1	08/01/17 07:30	08/01/17 18:03	2037-26-5	
4-Bromofluorobenzene (S)	106	%	58-141		1	08/01/17 07:30	08/01/17 18:03	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	11.7	%	0.10	0.10	1		08/03/17 18:43		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25C 2-4 Lab ID: 40154033029 Collected: 07/27/17 13:20 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 18:27	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 18:27	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 18:27	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 18:27	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:30	08/01/17 18:27	91-20-3	L1,W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25C 2-4**      **Lab ID: 40154033029**      Collected: 07/27/17 13:20      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 18:27	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:27	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/01/17 18:27	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	119	%	68-130		1	08/01/17 07:30	08/01/17 18:27	1868-53-7	
Toluene-d8 (S)	120	%	68-149		1	08/01/17 07:30	08/01/17 18:27	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	08/01/17 07:30	08/01/17 18:27	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	8.2	%	0.10	0.10	1		08/03/17 18:43		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25C 4-6 Lab ID: 40154033030 Collected: 07/27/17 13:25 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 18:50	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 18:50	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 18:50	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 18:50	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	99-87-6	W
Methylene Chloride	30.5J	ug/kg	68.5	28.5	1	08/01/17 07:30	08/01/17 18:50	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	1634-04-4	W
Naphthalene	126J	ug/kg	285	45.7	1	08/01/17 07:30	08/01/17 18:50	91-20-3	L1
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25C 4-6**      **Lab ID: 40154033030**      Collected: 07/27/17 13:25      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	127-18-4	W
Toluene	87.8	ug/kg	68.5	28.5	1	08/01/17 07:30	08/01/17 18:50	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 18:50	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	96-18-4	W
1,2,4-Trimethylbenzene	64.5J	ug/kg	68.5	28.5	1	08/01/17 07:30	08/01/17 18:50	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 18:50	75-01-4	W
Xylene (Total)	178J	ug/kg	206	85.6	1	08/01/17 07:30	08/01/17 18:50	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	68-130		1	08/01/17 07:30	08/01/17 18:50	1868-53-7	
Toluene-d8 (S)	121	%	68-149		1	08/01/17 07:30	08/01/17 18:50	2037-26-5	
4-Bromofluorobenzene (S)	106	%	58-141		1	08/01/17 07:30	08/01/17 18:50	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.4	%	0.10	0.10	1		08/03/17 18:43		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-25C 6-8 Lab ID: 40154033031 Collected: 07/27/17 13:30 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	133	ug/kg	95.9	40.0	1	08/01/17 07:30	08/01/17 19:13	71-43-2	
Bromobenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	108-86-1	W
Bromochloromethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	74-97-5	W
Bromodichloromethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	75-27-4	W
Bromoform	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	75-25-2	W
Bromomethane	<90.8	ug/kg	325	90.8	1	08/01/17 07:30	08/01/17 19:13	74-83-9	W
n-Butylbenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	104-51-8	W
sec-Butylbenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	135-98-8	W
tert-Butylbenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	98-06-6	W
Carbon tetrachloride	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	56-23-5	W
Chlorobenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	108-90-7	W
Chloroethane	<87.0	ug/kg	325	87.0	1	08/01/17 07:30	08/01/17 19:13	75-00-3	W
Chloroform	<60.3	ug/kg	325	60.3	1	08/01/17 07:30	08/01/17 19:13	67-66-3	W
Chloromethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	74-87-3	W
2-Chlorotoluene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	95-49-8	W
4-Chlorotoluene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	106-43-4	W
1,2-Dibromo-3-chloropropane	<118	ug/kg	325	118	1	08/01/17 07:30	08/01/17 19:13	96-12-8	W
Dibromochloromethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	124-48-1	W
1,2-Dibromoethane (EDB)	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	106-93-4	W
Dibromomethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	74-95-3	W
1,2-Dichlorobenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	95-50-1	W
1,3-Dichlorobenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	541-73-1	W
1,4-Dichlorobenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	106-46-7	W
Dichlorodifluoromethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	75-71-8	W
1,1-Dichloroethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	75-34-3	W
1,2-Dichloroethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	107-06-2	W
1,1-Dichloroethene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	75-35-4	W
cis-1,2-Dichloroethene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	156-59-2	W
trans-1,2-Dichloroethene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	156-60-5	W
1,2-Dichloropropane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	78-87-5	W
1,3-Dichloropropane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	142-28-9	W
2,2-Dichloropropane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	594-20-7	W
1,1-Dichloropropene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	563-58-6	W
cis-1,3-Dichloropropene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	10061-01-5	W
trans-1,3-Dichloropropene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	10061-02-6	W
Diisopropyl ether	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	108-20-3	W
Ethylbenzene	86.0J	ug/kg	95.9	40.0	1	08/01/17 07:30	08/01/17 19:13	100-41-4	
Hexachloro-1,3-butadiene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	87-68-3	W
Isopropylbenzene (Cumene)	44.9J	ug/kg	95.9	40.0	1	08/01/17 07:30	08/01/17 19:13	98-82-8	
p-Isopropyltoluene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	99-87-6	W
Methylene Chloride	41.8J	ug/kg	95.9	40.0	1	08/01/17 07:30	08/01/17 19:13	75-09-2	
Methyl-tert-butyl ether	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	1634-04-4	W
Naphthalene	404	ug/kg	400	64.0	1	08/01/17 07:30	08/01/17 19:13	91-20-3	L1
n-Propylbenzene	50.8J	ug/kg	95.9	40.0	1	08/01/17 07:30	08/01/17 19:13	103-65-1	
Styrene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-25C 6-8**      **Lab ID: 40154033031**      Collected: 07/27/17 13:30      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	630-20-6	W
1,1,1,2-Tetrachloroethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	79-34-5	W
Tetrachloroethene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	127-18-4	W
Toluene	487	ug/kg	95.9	40.0	1	08/01/17 07:30	08/01/17 19:13	108-88-3	
1,2,3-Trichlorobenzene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	87-61-6	W
1,2,4-Trichlorobenzene	<61.8	ug/kg	325	61.8	1	08/01/17 07:30	08/01/17 19:13	120-82-1	W
1,1,1-Trichloroethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	71-55-6	W
1,1,2-Trichloroethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	79-00-5	W
Trichloroethene	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	79-01-6	W
Trichlorofluoromethane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	75-69-4	W
1,2,3-Trichloropropane	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	96-18-4	W
1,2,4-Trimethylbenzene	253	ug/kg	95.9	40.0	1	08/01/17 07:30	08/01/17 19:13	95-63-6	
1,3,5-Trimethylbenzene	74.4J	ug/kg	95.9	40.0	1	08/01/17 07:30	08/01/17 19:13	108-67-8	
Vinyl chloride	<32.5	ug/kg	77.9	32.5	1	08/01/17 07:30	08/01/17 19:13	75-01-4	W
Xylene (Total)	791	ug/kg	288	120	1	08/01/17 07:30	08/01/17 19:13	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	68-130		1	08/01/17 07:30	08/01/17 19:13	1868-53-7	
Toluene-d8 (S)	115	%	68-149		1	08/01/17 07:30	08/01/17 19:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	08/01/17 07:30	08/01/17 19:13	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	18.8	%	0.10	0.10	1		08/03/17 18:43		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-26 2-4 Lab ID: 40154033032 Collected: 07/27/17 09:40 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 19:36	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 19:36	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 19:36	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 19:36	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:30	08/01/17 19:36	91-20-3	L1,W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-26 2-4**      **Lab ID: 40154033032**      Collected: 07/27/17 09:40      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 19:36	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:36	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/01/17 19:36	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	68-130		1	08/01/17 07:30	08/01/17 19:36	1868-53-7	
Toluene-d8 (S)	119	%	68-149		1	08/01/17 07:30	08/01/17 19:36	2037-26-5	
4-Bromofluorobenzene (S)	103	%	58-141		1	08/01/17 07:30	08/01/17 19:36	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	13.4	%	0.10	0.10	1		08/03/17 18:43		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-26 14-16 Lab ID: 40154033033 Collected: 07/27/17 09:45 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:30	08/01/17 19:59	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:30	08/01/17 19:59	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:30	08/01/17 19:59	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:30	08/01/17 19:59	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	1634-04-4	W
Naphthalene	55.7J	ug/kg	250	40.0	1	08/01/17 07:30	08/01/17 19:59	91-20-3	L1
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-26 14-16**      **Lab ID: 40154033033**      Collected: 07/27/17 09:45      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "wet-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:30	08/01/17 19:59	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:30	08/01/17 19:59	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:30	08/01/17 19:59	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	114	%	68-130		1	08/01/17 07:30	08/01/17 19:59	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	08/01/17 07:30	08/01/17 19:59	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	08/01/17 07:30	08/01/17 19:59	460-00-4	

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-26 14-16**      **Lab ID: 40154033034**      Collected: 08/01/17 00:00      Received: 08/01/17 00:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by HVI</b>		Analytical Method: EPA 8270 by HVI      Preparation Method: EPA 3510							
Acenaphthene	<0.0060	ug/L	0.030	0.0060	1	08/02/17 10:15	08/02/17 16:16	83-32-9	
Acenaphthylene	<0.0049	ug/L	0.025	0.0049	1	08/02/17 10:15	08/02/17 16:16	208-96-8	
Anthracene	<0.010	ug/L	0.052	0.010	1	08/02/17 10:15	08/02/17 16:16	120-12-7	
Benzo(a)anthracene	<0.0075	ug/L	0.037	0.0075	1	08/02/17 10:15	08/02/17 16:16	56-55-3	
Benzo(a)pyrene	<0.010	ug/L	0.052	0.010	1	08/02/17 10:15	08/02/17 16:16	50-32-8	
Benzo(b)fluoranthene	<0.0057	ug/L	0.028	0.0057	1	08/02/17 10:15	08/02/17 16:16	205-99-2	
Benzo(g,h,i)perylene	<0.0067	ug/L	0.034	0.0067	1	08/02/17 10:15	08/02/17 16:16	191-24-2	
Benzo(k)fluoranthene	<0.0075	ug/L	0.037	0.0075	1	08/02/17 10:15	08/02/17 16:16	207-08-9	
Chrysene	<0.013	ug/L	0.065	0.013	1	08/02/17 10:15	08/02/17 16:16	218-01-9	
Dibenz(a,h)anthracene	<0.0099	ug/L	0.050	0.0099	1	08/02/17 10:15	08/02/17 16:16	53-70-3	
Fluoranthene	<0.011	ug/L	0.053	0.011	1	08/02/17 10:15	08/02/17 16:16	206-44-0	
Fluorene	<0.0079	ug/L	0.039	0.0079	1	08/02/17 10:15	08/02/17 16:16	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.087	0.017	1	08/02/17 10:15	08/02/17 16:16	193-39-5	
1-Methylnaphthalene	<0.0058	ug/L	0.029	0.0058	1	08/02/17 10:15	08/02/17 16:16	90-12-0	
2-Methylnaphthalene	<0.0049	ug/L	0.024	0.0049	1	08/02/17 10:15	08/02/17 16:16	91-57-6	
Naphthalene	<0.018	ug/L	0.091	0.018	1	08/02/17 10:15	08/02/17 16:16	91-20-3	
Phenanthrene	<0.014	ug/L	0.068	0.014	1	08/02/17 10:15	08/02/17 16:16	85-01-8	
Pyrene	0.011J	ug/L	0.038	0.0076	1	08/02/17 10:15	08/02/17 16:16	129-00-0	B
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	35-84		1	08/02/17 10:15	08/02/17 16:16	321-60-8	
Terphenyl-d14 (S)	70	%	10-129		1	08/02/17 10:15	08/02/17 16:16	1718-51-0	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-40 2-4**      **Lab ID: 40154033035**      Collected: 07/27/17 11:55      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	71-43-2	W
Bromobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	108-86-1	W
Bromochloromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	74-97-5	W
Bromodichloromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	75-27-4	W
Bromoform	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	75-25-2	W
Bromomethane	<92.0	ug/kg	329	92.0	1	08/01/17 07:30	08/01/17 20:22	74-83-9	W
n-Butylbenzene	51.9J	ug/kg	88.8	37.0	1	08/01/17 07:30	08/01/17 20:22	104-51-8	
sec-Butylbenzene	42.0J	ug/kg	88.8	37.0	1	08/01/17 07:30	08/01/17 20:22	135-98-8	
tert-Butylbenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	98-06-6	W
Carbon tetrachloride	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	56-23-5	W
Chlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	108-90-7	W
Chloroethane	<88.2	ug/kg	329	88.2	1	08/01/17 07:30	08/01/17 20:22	75-00-3	W
Chloroform	<61.1	ug/kg	329	61.1	1	08/01/17 07:30	08/01/17 20:22	67-66-3	W
Chloromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	74-87-3	W
2-Chlorotoluene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	95-49-8	W
4-Chlorotoluene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	106-43-4	W
1,2-Dibromo-3-chloropropane	<120	ug/kg	329	120	1	08/01/17 07:30	08/01/17 20:22	96-12-8	W
Dibromochloromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	124-48-1	W
1,2-Dibromoethane (EDB)	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	106-93-4	W
Dibromomethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	74-95-3	W
1,2-Dichlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	95-50-1	W
1,3-Dichlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	541-73-1	W
1,4-Dichlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	106-46-7	W
Dichlorodifluoromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	75-71-8	W
1,1-Dichloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	75-34-3	W
1,2-Dichloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	107-06-2	W
1,1-Dichloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	75-35-4	W
cis-1,2-Dichloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	156-59-2	W
trans-1,2-Dichloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	156-60-5	W
1,2-Dichloropropane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	78-87-5	W
1,3-Dichloropropane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	142-28-9	W
2,2-Dichloropropane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	594-20-7	W
1,1-Dichloropropene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	563-58-6	W
cis-1,3-Dichloropropene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	10061-01-5	W
trans-1,3-Dichloropropene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	10061-02-6	W
Diisopropyl ether	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	108-20-3	W
Ethylbenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	100-41-4	W
Hexachloro-1,3-butadiene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	87-68-3	W
Isopropylbenzene (Cumene)	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	98-82-8	W
p-Isopropyltoluene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	99-87-6	W
Methylene Chloride	39.6J	ug/kg	88.8	37.0	1	08/01/17 07:30	08/01/17 20:22	75-09-2	
Methyl-tert-butyl ether	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	1634-04-4	W
Naphthalene	146J	ug/kg	370	59.3	1	08/01/17 07:30	08/01/17 20:22	91-20-3	L1
n-Propylbenzene	37.1J	ug/kg	88.8	37.0	1	08/01/17 07:30	08/01/17 20:22	103-65-1	
Styrene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	100-42-5	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-40 2-4**      **Lab ID: 40154033035**      Collected: 07/27/17 11:55      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	630-20-6	W
1,1,2,2-Tetrachloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	79-34-5	W
Tetrachloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	127-18-4	W
Toluene	90.7	ug/kg	88.8	37.0	1	08/01/17 07:30	08/01/17 20:22	108-88-3	
1,2,3-Trichlorobenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	87-61-6	W
1,2,4-Trichlorobenzene	<62.6	ug/kg	329	62.6	1	08/01/17 07:30	08/01/17 20:22	120-82-1	W
1,1,1-Trichloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	71-55-6	W
1,1,2-Trichloroethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	79-00-5	W
Trichloroethene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	79-01-6	W
Trichlorofluoromethane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	75-69-4	W
1,2,3-Trichloropropane	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	96-18-4	W
1,2,4-Trimethylbenzene	80.4J	ug/kg	88.8	37.0	1	08/01/17 07:30	08/01/17 20:22	95-63-6	
1,3,5-Trimethylbenzene	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	108-67-8	W
Vinyl chloride	<32.9	ug/kg	78.9	32.9	1	08/01/17 07:30	08/01/17 20:22	75-01-4	W
Xylene (Total)	246J	ug/kg	266	111	1	08/01/17 07:30	08/01/17 20:22	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	118	%	68-130		1	08/01/17 07:30	08/01/17 20:22	1868-53-7	
Toluene-d8 (S)	125	%	68-149		1	08/01/17 07:30	08/01/17 20:22	2037-26-5	
4-Bromofluorobenzene (S)	104	%	58-141		1	08/01/17 07:30	08/01/17 20:22	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	11.1	%	0.10	0.10	1		08/03/17 18:43		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-40 4-6 Lab ID: 40154033036 Collected: 07/27/17 12:00 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	71-43-2	W
Bromobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	108-86-1	W
Bromochloromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	74-97-5	W
Bromodichloromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	75-27-4	W
Bromoform	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	75-25-2	W
Bromomethane	<73.6	ug/kg	263	73.6	1	08/01/17 07:45	08/02/17 02:49	74-83-9	W
n-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	104-51-8	W
sec-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	135-98-8	W
tert-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	98-06-6	W
Carbon tetrachloride	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	56-23-5	W
Chlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	108-90-7	W
Chloroethane	<70.5	ug/kg	263	70.5	1	08/01/17 07:45	08/02/17 02:49	75-00-3	W
Chloroform	<48.9	ug/kg	263	48.9	1	08/01/17 07:45	08/02/17 02:49	67-66-3	W
Chloromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	74-87-3	W
2-Chlorotoluene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	95-49-8	W
4-Chlorotoluene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	106-43-4	W
1,2-Dibromo-3-chloropropane	<96.0	ug/kg	263	96.0	1	08/01/17 07:45	08/02/17 02:49	96-12-8	W
Dibromochloromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	124-48-1	W
1,2-Dibromoethane (EDB)	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	106-93-4	W
Dibromomethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	74-95-3	W
1,2-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	95-50-1	W
1,3-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	541-73-1	W
1,4-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	106-46-7	W
Dichlorodifluoromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	75-71-8	W
1,1-Dichloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	75-34-3	W
1,2-Dichloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	107-06-2	W
1,1-Dichloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	75-35-4	W
cis-1,2-Dichloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	156-59-2	W
trans-1,2-Dichloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	156-60-5	W
1,2-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	78-87-5	W
1,3-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	142-28-9	W
2,2-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	594-20-7	W
1,1-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	563-58-6	W
cis-1,3-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	10061-01-5	W
trans-1,3-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	10061-02-6	W
Diisopropyl ether	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	108-20-3	W
Ethylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	100-41-4	W
Hexachloro-1,3-butadiene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	87-68-3	W
Isopropylbenzene (Cumene)	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	98-82-8	W
p-Isopropyltoluene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	99-87-6	W
Methylene Chloride	36.2J	ug/kg	71.0	29.6	1	08/01/17 07:45	08/02/17 02:49	75-09-2	
Methyl-tert-butyl ether	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	1634-04-4	W
Naphthalene	54.0J	ug/kg	296	47.4	1	08/01/17 07:45	08/02/17 02:49	91-20-3	
n-Propylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	103-65-1	W
Styrene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	100-42-5	W

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

**Sample: B-40 4-6**      **Lab ID: 40154033036**      Collected: 07/27/17 12:00      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	630-20-6	W
1,1,1,2-Tetrachloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	79-34-5	W
Tetrachloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	127-18-4	W
Toluene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	108-88-3	W
1,2,3-Trichlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	87-61-6	W
1,2,4-Trichlorobenzene	<50.1	ug/kg	263	50.1	1	08/01/17 07:45	08/02/17 02:49	120-82-1	W
1,1,1-Trichloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	71-55-6	W
1,1,2-Trichloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	79-00-5	W
Trichloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	79-01-6	W
Trichlorofluoromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	75-69-4	W
1,2,3-Trichloropropane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	96-18-4	W
1,2,4-Trimethylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	95-63-6	W
1,3,5-Trimethylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	108-67-8	W
Vinyl chloride	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 02:49	75-01-4	W
Xylene (Total)	<78.9	ug/kg	189	78.9	1	08/01/17 07:45	08/02/17 02:49	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	123	%	68-130		1	08/01/17 07:45	08/02/17 02:49	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	08/01/17 07:45	08/02/17 02:49	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	08/01/17 07:45	08/02/17 02:49	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	11.0	%	0.10	0.10	1		08/03/17 18:43		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Sample: B-40 6-8 Lab ID: 40154033037 Collected: 07/27/17 12:05 Received: 07/28/17 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 03:12	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 03:12	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 03:12	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 03:12	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	99-87-6	W
Methylene Chloride	33.9J	ug/kg	72.1	30.0	1	08/01/17 07:45	08/02/17 03:12	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	1634-04-4	W
Naphthalene	55.0J	ug/kg	300	48.1	1	08/01/17 07:45	08/02/17 03:12	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

**Sample: B-40 6-8**      **Lab ID: 40154033037**      Collected: 07/27/17 12:05      Received: 07/28/17 09:35      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 03:12	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:12	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 03:12	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	133	%	68-130		1	08/01/17 07:45	08/02/17 03:12	1868-53-7	S3
Toluene-d8 (S)	127	%	68-149		1	08/01/17 07:45	08/02/17 03:12	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	08/01/17 07:45	08/02/17 03:12	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	16.8	%	0.10	0.10	1		08/03/17 18:43		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

QC Batch: 263040 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40154033004, 40154033005, 40154033006, 40154033007, 40154033008, 40154033009, 40154033010, 40154033011, 40154033012, 40154033013, 40154033014

METHOD BLANK: 1548149 Matrix: Solid  
Associated Lab Samples: 40154033004, 40154033005, 40154033006, 40154033007, 40154033008, 40154033009, 40154033010, 40154033011, 40154033012, 40154033013, 40154033014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/31/17 09:50	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/31/17 09:50	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/31/17 09:50	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/31/17 09:50	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/31/17 09:50	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/31/17 09:50	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/31/17 09:50	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/31/17 09:50	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/31/17 09:50	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/31/17 09:50	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/31/17 09:50	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/31/17 09:50	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/31/17 09:50	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/31/17 09:50	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/31/17 09:50	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/31/17 09:50	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/31/17 09:50	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/31/17 09:50	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/31/17 09:50	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/31/17 09:50	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/31/17 09:50	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/31/17 09:50	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/31/17 09:50	
Benzene	ug/kg	<9.2	20.0	07/31/17 09:50	
Bromobenzene	ug/kg	<20.6	50.0	07/31/17 09:50	
Bromochloromethane	ug/kg	<21.4	50.0	07/31/17 09:50	
Bromodichloromethane	ug/kg	<9.8	50.0	07/31/17 09:50	
Bromoform	ug/kg	<19.8	50.0	07/31/17 09:50	
Bromomethane	ug/kg	<69.9	250	07/31/17 09:50	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/31/17 09:50	
Chlorobenzene	ug/kg	<14.8	50.0	07/31/17 09:50	
Chloroethane	ug/kg	<67.0	250	07/31/17 09:50	
Chloroform	ug/kg	<46.4	250	07/31/17 09:50	
Chloromethane	ug/kg	<20.4	50.0	07/31/17 09:50	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/31/17 09:50	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/31/17 09:50	
Dibromochloromethane	ug/kg	<17.9	50.0	07/31/17 09:50	
Dibromomethane	ug/kg	<19.3	50.0	07/31/17 09:50	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/31/17 09:50	
Diisopropyl ether	ug/kg	<17.7	50.0	07/31/17 09:50	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

METHOD BLANK: 1548149

Matrix: Solid

Associated Lab Samples: 40154033004, 40154033005, 40154033006, 40154033007, 40154033008, 40154033009, 40154033010, 40154033011, 40154033012, 40154033013, 40154033014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	07/31/17 09:50	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/31/17 09:50	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/31/17 09:50	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/31/17 09:50	
Methylene Chloride	ug/kg	31.4J	50.0	07/31/17 09:50	
n-Butylbenzene	ug/kg	<10.5	50.0	07/31/17 09:50	
n-Propylbenzene	ug/kg	<11.6	50.0	07/31/17 09:50	
Naphthalene	ug/kg	<40.0	250	07/31/17 09:50	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/31/17 09:50	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/31/17 09:50	
Styrene	ug/kg	<9.0	50.0	07/31/17 09:50	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/31/17 09:50	
Tetrachloroethene	ug/kg	<12.9	50.0	07/31/17 09:50	
Toluene	ug/kg	<11.2	50.0	07/31/17 09:50	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/31/17 09:50	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/31/17 09:50	
Trichloroethene	ug/kg	<23.6	50.0	07/31/17 09:50	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/31/17 09:50	
Vinyl chloride	ug/kg	<21.1	50.0	07/31/17 09:50	
Xylene (Total)	ug/kg	<48.4	150	07/31/17 09:50	
4-Bromofluorobenzene (S)	%	102	58-141	07/31/17 09:50	
Dibromofluoromethane (S)	%	110	68-130	07/31/17 09:50	
Toluene-d8 (S)	%	113	68-149	07/31/17 09:50	

LABORATORY CONTROL SAMPLE: 1548150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2570	103	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2720	109	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2720	109	70-130	
1,1-Dichloroethane	ug/kg	2500	2670	107	63-124	
1,1-Dichloroethene	ug/kg	2500	2370	95	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2620	105	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2390	96	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2640	106	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2700	108	70-130	
1,2-Dichloroethane	ug/kg	2500	2440	98	56-135	
1,2-Dichloropropane	ug/kg	2500	2920	117	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2690	108	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2730	109	70-130	
Benzene	ug/kg	2500	2740	110	66-130	
Bromodichloromethane	ug/kg	2500	2480	99	62-135	
Bromoform	ug/kg	2500	2590	104	68-130	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

LABORATORY CONTROL SAMPLE: 1548150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2130	85	29-137	
Carbon tetrachloride	ug/kg	2500	2390	96	57-130	
Chlorobenzene	ug/kg	2500	2720	109	70-130	
Chloroethane	ug/kg	2500	2360	94	36-144	
Chloroform	ug/kg	2500	2510	101	69-115	
Chloromethane	ug/kg	2500	2080	83	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2690	108	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2680	107	70-130	
Dibromochloromethane	ug/kg	2500	2510	100	70-130	
Dichlorodifluoromethane	ug/kg	2500	1360	54	10-99	
Ethylbenzene	ug/kg	2500	2660	106	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2690	108	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2720	109	63-134	
Methylene Chloride	ug/kg	2500	2530	101	56-123	
Styrene	ug/kg	2500	2750	110	70-130	
Tetrachloroethene	ug/kg	2500	2720	109	70-131	
Toluene	ug/kg	2500	2770	111	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2650	106	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2590	103	68-130	
Trichloroethene	ug/kg	2500	2540	102	70-130	
Trichlorofluoromethane	ug/kg	2500	2510	100	37-149	
Vinyl chloride	ug/kg	2500	2440	98	43-128	
Xylene (Total)	ug/kg	7500	8320	111	70-130	
4-Bromofluorobenzene (S)	%			100	58-141	
Dibromofluoromethane (S)	%			112	68-130	
Toluene-d8 (S)	%			110	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548151 1548152

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40153986003 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/kg	<25.0	1380	1380	1170	1200	85	87	57-123	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1380	1380	1480	1560	107	113	73-135	5	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1380	1380	1540	1550	112	113	70-130	0	20	
1,1-Dichloroethane	ug/kg	<25.0	1380	1380	1360	1360	99	99	63-124	0	20	
1,1-Dichloroethene	ug/kg	<25.0	1380	1380	1020	1040	74	75	48-117	2	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1380	1380	1500	1550	109	112	78-145	3	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1380	1380	1280	1330	93	97	38-168	4	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1380	1380	1420	1440	103	104	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1380	1380	1530	1540	111	111	70-130	0	20	
1,2-Dichloroethane	ug/kg	<25.0	1380	1380	1340	1320	97	96	56-145	2	20	
1,2-Dichloropropane	ug/kg	<25.0	1380	1380	1540	1550	112	112	77-123	0	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1380	1380	1500	1510	109	110	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1380	1380	1500	1540	109	112	70-130	2	20	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Parameter	Units	40153986003		1548151		1548152		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Benzene	ug/kg	<25.0	1380	1380	1370	1410	99	102	65-130	3	20		
Bromodichloromethane	ug/kg	<25.0	1380	1380	1300	1280	95	93	59-141	2	20		
Bromoform	ug/kg	<25.0	1380	1380	1350	1340	98	98	59-141	1	20		
Bromomethane	ug/kg	<69.9	1380	1380	981	1020	71	74	28-139	4	20		
Carbon tetrachloride	ug/kg	<25.0	1380	1380	1050	1080	76	78	50-130	2	20		
Chlorobenzene	ug/kg	<25.0	1380	1380	1490	1500	108	109	70-130	0	20		
Chloroethane	ug/kg	<67.0	1380	1380	1100	1100	80	80	36-144	0	20		
Chloroform	ug/kg	<46.4	1380	1380	1350	1340	97	96	68-122	1	20		
Chloromethane	ug/kg	<25.0	1380	1380	888	891	64	65	30-126	0	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1380	1380	1440	1450	104	105	63-130	1	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1380	1380	1400	1390	102	101	70-130	1	20		
Dibromochloromethane	ug/kg	<25.0	1380	1380	1400	1410	102	102	66-136	1	20		
Dichlorodifluoromethane	ug/kg	<25.0	1380	1380	457	481	33	35	10-99	5	33		
Ethylbenzene	ug/kg	<25.0	1380	1380	1360	1400	99	102	80-122	3	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1380	1380	1340	1350	97	98	70-130	1	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1380	1380	1480	1450	107	105	63-134	2	20		
Methylene Chloride	ug/kg	30.1J	1380	1380	1360	1350	97	96	56-127	1	20		
Styrene	ug/kg	<25.0	1380	1380	1490	1510	108	110	70-130	1	20		
Tetrachloroethene	ug/kg	<25.0	1380	1380	1340	1380	97	100	70-131	3	20		
Toluene	ug/kg	<25.0	1380	1380	1430	1490	104	108	80-120	4	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1380	1380	1300	1340	94	97	60-130	3	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1380	1380	1390	1420	101	103	68-130	2	20		
Trichloroethene	ug/kg	<25.0	1380	1380	1280	1330	93	97	70-130	4	20		
Trichlorofluoromethane	ug/kg	<25.0	1380	1380	814	884	59	64	37-149	8	24		
Vinyl chloride	ug/kg	<25.0	1380	1380	902	978	65	71	39-128	8	20		
Xylene (Total)	ug/kg	<75.0	4130	4130	4310	4460	104	108	70-130	3	20		
4-Bromofluorobenzene (S)	%						112	110	58-141				
Dibromofluoromethane (S)	%						122	116	68-130				
Toluene-d8 (S)	%						121	119	68-149				

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

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QC Batch: 263181 Analysis Method: EPA 8260  
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
 Associated Lab Samples: 40154033015, 40154033016, 40154033017, 40154033018, 40154033019, 40154033020, 40154033021, 40154033022, 40154033023, 40154033024, 40154033025, 40154033026, 40154033027, 40154033028, 40154033029, 40154033030, 40154033031, 40154033032, 40154033033, 40154033035

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METHOD BLANK: 1548591 Matrix: Solid  
 Associated Lab Samples: 40154033015, 40154033016, 40154033017, 40154033018, 40154033019, 40154033020, 40154033021, 40154033022, 40154033023, 40154033024, 40154033025, 40154033026, 40154033027, 40154033028, 40154033029, 40154033030, 40154033031, 40154033032, 40154033033, 40154033035

Parameter	Units	Blank Reporting		Analyzed	Qualifiers
		Result	Limit		
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/01/17 10:43	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/01/17 10:43	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/01/17 10:43	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/01/17 10:43	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/01/17 10:43	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/01/17 10:43	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/01/17 10:43	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/01/17 10:43	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/01/17 10:43	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/01/17 10:43	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/01/17 10:43	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/01/17 10:43	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/01/17 10:43	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/01/17 10:43	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/01/17 10:43	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/01/17 10:43	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/01/17 10:43	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/01/17 10:43	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/01/17 10:43	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/01/17 10:43	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/01/17 10:43	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/01/17 10:43	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/01/17 10:43	
Benzene	ug/kg	<9.2	20.0	08/01/17 10:43	
Bromobenzene	ug/kg	<20.6	50.0	08/01/17 10:43	
Bromochloromethane	ug/kg	<21.4	50.0	08/01/17 10:43	
Bromodichloromethane	ug/kg	<9.8	50.0	08/01/17 10:43	
Bromoform	ug/kg	<19.8	50.0	08/01/17 10:43	
Bromomethane	ug/kg	<69.9	250	08/01/17 10:43	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/01/17 10:43	
Chlorobenzene	ug/kg	<14.8	50.0	08/01/17 10:43	
Chloroethane	ug/kg	<67.0	250	08/01/17 10:43	
Chloroform	ug/kg	<46.4	250	08/01/17 10:43	
Chloromethane	ug/kg	<20.4	50.0	08/01/17 10:43	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/01/17 10:43	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/01/17 10:43	
Dibromochloromethane	ug/kg	<17.9	50.0	08/01/17 10:43	
Dibromomethane	ug/kg	<19.3	50.0	08/01/17 10:43	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

METHOD BLANK: 1548591

Matrix: Solid

Associated Lab Samples: 40154033015, 40154033016, 40154033017, 40154033018, 40154033019, 40154033020, 40154033021, 40154033022, 40154033023, 40154033024, 40154033025, 40154033026, 40154033027, 40154033028, 40154033029, 40154033030, 40154033031, 40154033032, 40154033033, 40154033035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/01/17 10:43	
Diisopropyl ether	ug/kg	<17.7	50.0	08/01/17 10:43	
Ethylbenzene	ug/kg	<12.4	50.0	08/01/17 10:43	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/01/17 10:43	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/01/17 10:43	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/01/17 10:43	
Methylene Chloride	ug/kg	22.9J	50.0	08/01/17 10:43	
n-Butylbenzene	ug/kg	<10.5	50.0	08/01/17 10:43	
n-Propylbenzene	ug/kg	<11.6	50.0	08/01/17 10:43	
Naphthalene	ug/kg	<40.0	250	08/01/17 10:43	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/01/17 10:43	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/01/17 10:43	
Styrene	ug/kg	<9.0	50.0	08/01/17 10:43	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/01/17 10:43	
Tetrachloroethene	ug/kg	<12.9	50.0	08/01/17 10:43	
Toluene	ug/kg	<11.2	50.0	08/01/17 10:43	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/01/17 10:43	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/01/17 10:43	
Trichloroethene	ug/kg	<23.6	50.0	08/01/17 10:43	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/01/17 10:43	
Vinyl chloride	ug/kg	<21.1	50.0	08/01/17 10:43	
Xylene (Total)	ug/kg	<48.4	150	08/01/17 10:43	
4-Bromofluorobenzene (S)	%	97	58-141	08/01/17 10:43	
Dibromofluoromethane (S)	%	109	68-130	08/01/17 10:43	
Toluene-d8 (S)	%	111	68-149	08/01/17 10:43	

LABORATORY CONTROL SAMPLE: 1548592

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	2500	2390	96	70-130	
1,1,1-Trichloroethane	ug/kg	2500	2220	89	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2540	102	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2560	102	70-130	
1,1-Dichloroethane	ug/kg	2500	2470	99	63-124	
1,1-Dichloroethene	ug/kg	2500	2370	95	53-117	
1,1-Dichloropropene	ug/kg	2500	2440	97	70-130	
1,2,3-Trichlorobenzene	ug/kg	2500	2350	94	70-130	
1,2,3-Trichloropropane	ug/kg	2500	2420	97	74-130	
1,2,4-Trichlorobenzene	ug/kg	2500	2400	96	78-130	
1,2,4-Trimethylbenzene	ug/kg	2500	2330	93	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2110	84	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2340	94	70-130	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

LABORATORY CONTROL SAMPLE: 1548592

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	2500	2540	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2200	88	56-135	
1,2-Dichloropropane	ug/kg	2500	2630	105	77-122	
1,3,5-Trimethylbenzene	ug/kg	2500	2340	94	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2530	101	70-130	
1,3-Dichloropropane	ug/kg	2500	2540	102	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2570	103	70-130	
2,2-Dichloropropane	ug/kg	2500	2220	89	70-118	
2-Chlorotoluene	ug/kg	2500	2410	96	70-130	
4-Chlorotoluene	ug/kg	2500	2450	98	70-130	
Benzene	ug/kg	2500	2570	103	66-130	
Bromobenzene	ug/kg	2500	2440	98	70-130	
Bromochloromethane	ug/kg	2500	2660	107	70-130	
Bromodichloromethane	ug/kg	2500	2210	88	62-135	
Bromoform	ug/kg	2500	2440	98	68-130	
Bromomethane	ug/kg	2500	2110	84	29-137	
Carbon tetrachloride	ug/kg	2500	2250	90	57-130	
Chlorobenzene	ug/kg	2500	2590	104	70-130	
Chloroethane	ug/kg	2500	2200	88	36-144	
Chloroform	ug/kg	2500	2350	94	69-115	
Chloromethane	ug/kg	2500	1910	76	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2420	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2390	96	70-130	
Dibromochloromethane	ug/kg	2500	2460	98	70-130	
Dibromomethane	ug/kg	2500	2260	90	70-130	
Dichlorodifluoromethane	ug/kg	2500	1170	47	10-99	
Diisopropyl ether	ug/kg	2500	2340	94	70-130	
Ethylbenzene	ug/kg	2500	2510	100	82-122	
Hexachloro-1,3-butadiene	ug/kg	2500	2350	94	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2440	98	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2510	101	63-134	
Methylene Chloride	ug/kg	2500	2500	100	56-123	
n-Butylbenzene	ug/kg	2500	2330	93	70-130	
n-Propylbenzene	ug/kg	2500	2440	98	70-130	
Naphthalene	ug/kg	2500	3410	136	70-130 L1	
p-Isopropyltoluene	ug/kg	2500	2320	93	70-130	
sec-Butylbenzene	ug/kg	2500	2380	95	70-130	
Styrene	ug/kg	2500	2490	100	70-130	
tert-Butylbenzene	ug/kg	2500	2350	94	70-130	
Tetrachloroethene	ug/kg	2500	2540	101	70-131	
Toluene	ug/kg	2500	2680	107	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2430	97	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2390	96	68-130	
Trichloroethene	ug/kg	2500	2380	95	70-130	
Trichlorofluoromethane	ug/kg	2500	2330	93	37-149	
Vinyl chloride	ug/kg	2500	2170	87	43-128	
Xylene (Total)	ug/kg	7500	7860	105	70-130	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

LABORATORY CONTROL SAMPLE: 1548592

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			96	58-141	
Dibromofluoromethane (S)	%			105	68-130	
Toluene-d8 (S)	%			105	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548593 1548594

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40154033024	Spike Conc.	Spike Conc.	Result								
1,1,1,2-Tetrachloroethane	ug/kg	<49.3	2800	2800	2810	2680	100	96	70-130	5	20		
1,1,1-Trichloroethane	ug/kg	<49.3	2800	2800	2410	2260	86	81	57-123	6	20		
1,1,2,2-Tetrachloroethane	ug/kg	<49.3	2800	2800	3020	3010	108	107	73-135	0	20		
1,1,2-Trichloroethane	ug/kg	<49.3	2800	2800	3090	2900	110	104	70-130	6	20		
1,1-Dichloroethane	ug/kg	<49.3	2800	2800	2680	2560	96	91	63-124	4	20		
1,1-Dichloroethene	ug/kg	<49.3	2800	2800	2310	2310	83	83	48-117	0	23		
1,1-Dichloropropene	ug/kg	<49.3	2800	2800	2620	2440	94	87	59-130	7	20		
1,2,3-Trichlorobenzene	ug/kg	<49.3	2800	2800	2850	2840	102	102	70-130	0	20		
1,2,3-Trichloropropane	ug/kg	<49.3	2800	2800	2800	2840	100	101	74-135	1	20		
1,2,4-Trichlorobenzene	ug/kg	<93.7	2800	2800	3050	2820	109	101	78-145	8	20		
1,2,4-Trimethylbenzene	ug/kg	204	2800	2800	2840	2790	94	93	70-130	2	20		
1,2-Dibromo-3-chloropropane	ug/kg	<180	2800	2800	2510	2330	90	83	38-168	8	22		
1,2-Dibromoethane (EDB)	ug/kg	<49.3	2800	2800	2680	2580	96	92	70-130	4	20		
1,2-Dichlorobenzene	ug/kg	<49.3	2800	2800	3030	2890	108	103	70-130	5	20		
1,2-Dichloroethane	ug/kg	<49.3	2800	2800	2560	2410	91	86	56-145	6	20		
1,2-Dichloropropane	ug/kg	<49.3	2800	2800	2940	2840	105	101	77-123	4	20		
1,3,5-Trimethylbenzene	ug/kg	<49.3	2800	2800	2730	2730	96	96	70-130	0	20		
1,3-Dichlorobenzene	ug/kg	<49.3	2800	2800	2980	2900	106	103	70-130	3	20		
1,3-Dichloropropane	ug/kg	<49.3	2800	2800	2900	2740	104	98	70-130	6	20		
1,4-Dichlorobenzene	ug/kg	<49.3	2800	2800	2960	2960	106	106	70-130	0	20		
2,2-Dichloropropane	ug/kg	<49.3	2800	2800	2390	2200	86	79	43-118	9	20		
2-Chlorotoluene	ug/kg	<49.3	2800	2800	2810	2730	100	98	70-130	3	20		
4-Chlorotoluene	ug/kg	<49.3	2800	2800	2910	2870	104	103	70-130	1	20		
Benzene	ug/kg	706	2800	2800	3510	3430	100	97	65-130	2	20		
Bromobenzene	ug/kg	<49.3	2800	2800	2760	2750	99	98	70-130	0	20		
Bromochloromethane	ug/kg	<49.3	2800	2800	2950	2920	105	104	70-130	1	20		
Bromodichloromethane	ug/kg	<49.3	2800	2800	2600	2440	93	87	59-141	7	20		
Bromoform	ug/kg	<49.3	2800	2800	2660	2710	95	97	59-141	2	20		
Bromomethane	ug/kg	<138	2800	2800	2360	2330	84	83	28-139	1	20		
Carbon tetrachloride	ug/kg	<49.3	2800	2800	2280	2150	82	77	50-130	6	20		
Chlorobenzene	ug/kg	<49.3	2800	2800	3000	2840	107	101	70-130	5	20		
Chloroethane	ug/kg	<132	2800	2800	2320	2140	83	77	36-144	8	20		
Chloroform	ug/kg	<91.5	2800	2800	2600	2550	92	90	68-122	2	20		
Chloromethane	ug/kg	<49.3	2800	2800	2200	2090	79	75	30-126	5	20		
cis-1,2-Dichloroethene	ug/kg	<49.3	2800	2800	2680	2550	96	91	63-130	5	20		
cis-1,3-Dichloropropene	ug/kg	<49.3	2800	2800	2720	2560	97	91	70-130	6	20		

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548593		1548594		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40154033024 Result	MS Spike Conc.	MSD Spike Conc.									
Dibromochloromethane	ug/kg	<49.3	2800	2800	2690	2590	96	93	66-136	4	20		
Dibromomethane	ug/kg	<49.3	2800	2800	2610	2520	93	90	70-130	4	20		
Dichlorodifluoromethane	ug/kg	<49.3	2800	2800	1390	1260	50	45	10-99	10	33		
Diisopropyl ether	ug/kg	<49.3	2800	2800	2630	2540	94	91	66-140	3	20		
Ethylbenzene	ug/kg	239	2800	2800	3120	2860	103	93	80-122	9	20		
Hexachloro-1,3-butadiene	ug/kg	<49.3	2800	2800	2970	2890	106	103	56-138	3	20		
Isopropylbenzene (Cumene)	ug/kg	<49.3	2800	2800	2810	2570	99	90	70-130	9	20		
Methyl-tert-butyl ether	ug/kg	<49.3	2800	2800	2760	2710	99	97	63-134	2	20		
Methylene Chloride	ug/kg	<49.3	2800	2800	2730	2680	96	94	56-127	2	20		
n-Butylbenzene	ug/kg	<49.3	2800	2800	2700	2590	95	91	63-130	4	20		
n-Propylbenzene	ug/kg	87.7J	2800	2800	2820	2720	98	94	69-130	4	20		
Naphthalene	ug/kg	244J	2800	2800	3480	3190	115	105	70-130	8	20		
p-Isopropyltoluene	ug/kg	<49.3	2800	2800	2720	2620	95	92	70-130	4	20		
sec-Butylbenzene	ug/kg	<49.3	2800	2800	2670	2570	95	91	61-130	4	20		
Styrene	ug/kg	<49.3	2800	2800	2870	2700	103	97	70-130	6	20		
tert-Butylbenzene	ug/kg	<49.3	2800	2800	2670	2550	95	91	69-130	5	20		
Tetrachloroethene	ug/kg	<49.3	2800	2800	2790	2580	100	92	70-131	8	20		
Toluene	ug/kg	1720	2800	2800	4680	4480	106	99	80-120	4	20		
trans-1,2-Dichloroethene	ug/kg	<49.3	2800	2800	2540	2510	91	90	60-130	1	20		
trans-1,3-Dichloropropene	ug/kg	<49.3	2800	2800	2710	2580	97	92	68-130	5	20		
Trichloroethene	ug/kg	<49.3	2800	2800	2600	2550	93	91	70-130	2	20		
Trichlorofluoromethane	ug/kg	<49.3	2800	2800	2330	2220	83	79	37-149	5	24		
Vinyl chloride	ug/kg	<49.3	2800	2800	2310	2190	83	78	39-128	5	20		
Xylene (Total)	ug/kg	848	8400	8400	9820	9200	107	99	70-130	7	20		
4-Bromofluorobenzene (S)	%						103	104	58-141				
Dibromofluoromethane (S)	%						109	113	68-130				
Toluene-d8 (S)	%						115	115	68-149				

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

QC Batch: 263183 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40154033003, 40154033036, 40154033037

METHOD BLANK: 1548601 Matrix: Solid

Associated Lab Samples: 40154033003, 40154033036, 40154033037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/01/17 18:32	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/01/17 18:32	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/01/17 18:32	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/01/17 18:32	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/01/17 18:32	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/01/17 18:32	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/01/17 18:32	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/01/17 18:32	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/01/17 18:32	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/01/17 18:32	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/01/17 18:32	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/01/17 18:32	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/01/17 18:32	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/01/17 18:32	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/01/17 18:32	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/01/17 18:32	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/01/17 18:32	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/01/17 18:32	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/01/17 18:32	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/01/17 18:32	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/01/17 18:32	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/01/17 18:32	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/01/17 18:32	
Benzene	ug/kg	<9.2	20.0	08/01/17 18:32	
Bromobenzene	ug/kg	<20.6	50.0	08/01/17 18:32	
Bromochloromethane	ug/kg	<21.4	50.0	08/01/17 18:32	
Bromodichloromethane	ug/kg	<9.8	50.0	08/01/17 18:32	
Bromoform	ug/kg	<19.8	50.0	08/01/17 18:32	
Bromomethane	ug/kg	<69.9	250	08/01/17 18:32	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/01/17 18:32	
Chlorobenzene	ug/kg	<14.8	50.0	08/01/17 18:32	
Chloroethane	ug/kg	<67.0	250	08/01/17 18:32	
Chloroform	ug/kg	<46.4	250	08/01/17 18:32	
Chloromethane	ug/kg	<20.4	50.0	08/01/17 18:32	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/01/17 18:32	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/01/17 18:32	
Dibromochloromethane	ug/kg	<17.9	50.0	08/01/17 18:32	
Dibromomethane	ug/kg	<19.3	50.0	08/01/17 18:32	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/01/17 18:32	
Diisopropyl ether	ug/kg	<17.7	50.0	08/01/17 18:32	
Ethylbenzene	ug/kg	<12.4	50.0	08/01/17 18:32	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

METHOD BLANK: 1548601

Matrix: Solid

Associated Lab Samples: 40154033003, 40154033036, 40154033037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/01/17 18:32	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/01/17 18:32	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/01/17 18:32	
Methylene Chloride	ug/kg	19.8J	50.0	08/01/17 18:32	
n-Butylbenzene	ug/kg	<10.5	50.0	08/01/17 18:32	
n-Propylbenzene	ug/kg	<11.6	50.0	08/01/17 18:32	
Naphthalene	ug/kg	<40.0	250	08/01/17 18:32	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/01/17 18:32	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/01/17 18:32	
Styrene	ug/kg	<9.0	50.0	08/01/17 18:32	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/01/17 18:32	
Tetrachloroethene	ug/kg	<12.9	50.0	08/01/17 18:32	
Toluene	ug/kg	<11.2	50.0	08/01/17 18:32	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/01/17 18:32	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/01/17 18:32	
Trichloroethene	ug/kg	<23.6	50.0	08/01/17 18:32	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/01/17 18:32	
Vinyl chloride	ug/kg	<21.1	50.0	08/01/17 18:32	
Xylene (Total)	ug/kg	<48.4	150	08/01/17 18:32	
4-Bromofluorobenzene (S)	%	89	58-141	08/01/17 18:32	
Dibromofluoromethane (S)	%	110	68-130	08/01/17 18:32	
Toluene-d8 (S)	%	111	68-149	08/01/17 18:32	

LABORATORY CONTROL SAMPLE: 1548602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	93	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2500	100	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2570	103	70-130	
1,1-Dichloroethane	ug/kg	2500	2530	101	63-124	
1,1-Dichloroethene	ug/kg	2500	2410	96	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2120	85	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2240	89	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2450	98	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2560	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2570	103	56-135	
1,2-Dichloropropane	ug/kg	2500	2610	104	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2510	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2540	102	70-130	
Benzene	ug/kg	2500	2510	100	66-130	
Bromodichloromethane	ug/kg	2500	2500	100	62-135	
Bromoform	ug/kg	2500	2490	99	68-130	
Bromomethane	ug/kg	2500	2250	90	29-137	
Carbon tetrachloride	ug/kg	2500	2400	96	57-130	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

LABORATORY CONTROL SAMPLE: 1548602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2590	104	70-130	
Chloroethane	ug/kg	2500	2680	107	36-144	
Chloroform	ug/kg	2500	2480	99	69-115	
Chloromethane	ug/kg	2500	1610	65	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2350	94	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2220	89	70-130	
Dibromochloromethane	ug/kg	2500	2410	96	70-130	
Dichlorodifluoromethane	ug/kg	2500	1390	56	10-99	
Ethylbenzene	ug/kg	2500	2500	100	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2370	95	63-134	
Methylene Chloride	ug/kg	2500	2470	99	56-123	
Styrene	ug/kg	2500	2480	99	70-130	
Tetrachloroethene	ug/kg	2500	2650	106	70-131	
Toluene	ug/kg	2500	2680	107	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2350	94	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2420	97	68-130	
Trichloroethene	ug/kg	2500	2590	103	70-130	
Trichlorofluoromethane	ug/kg	2500	2780	111	37-149	
Vinyl chloride	ug/kg	2500	1990	79	43-128	
Xylene (Total)	ug/kg	7500	7290	97	70-130	
4-Bromofluorobenzene (S)	%			96	58-141	
Dibromofluoromethane (S)	%			107	68-130	
Toluene-d8 (S)	%			109	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548603 1548604

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40154105016 Result	Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1250	1250	1270	1230	102	99	57-123	3	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1250	1250	1340	1430	107	114	73-135	6	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1250	1250	1400	1410	112	113	70-130	1	20		
1,1-Dichloroethane	ug/kg	<25.0	1250	1250	1310	1310	104	105	63-124	1	20		
1,1-Dichloroethene	ug/kg	<25.0	1250	1250	1200	1200	96	96	48-117	0	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1250	1250	1260	1320	101	105	78-145	5	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1250	1250	1160	1240	93	99	38-168	6	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1250	1250	1340	1360	107	109	70-130	2	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1250	1250	1380	1420	110	114	70-130	3	20		
1,2-Dichloroethane	ug/kg	<25.0	1250	1250	1510	1470	121	117	56-145	3	20		
1,2-Dichloropropane	ug/kg	<25.0	1250	1250	1340	1320	107	106	77-123	2	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1250	1250	1320	1360	105	109	70-130	3	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1250	1250	1350	1400	108	112	70-130	3	20		
Benzene	ug/kg	<25.0	1250	1250	1280	1260	102	101	65-130	1	20		
Bromodichloromethane	ug/kg	<25.0	1250	1250	1340	1340	107	107	59-141	0	20		

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548603 1548604											
Parameter	Units	40154105016 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Bromoform	ug/kg	<25.0	1250	1250	1370	1400	110	112	59-141	2	20
Bromomethane	ug/kg	<69.9	1250	1250	1100	1140	88	91	28-139	4	20
Carbon tetrachloride	ug/kg	<25.0	1250	1250	1210	1220	97	97	50-130	1	20
Chlorobenzene	ug/kg	<25.0	1250	1250	1390	1380	111	110	70-130	1	20
Chloroethane	ug/kg	<67.0	1250	1250	1220	1260	98	101	36-144	3	20
Chloroform	ug/kg	<46.4	1250	1250	1370	1350	110	108	68-122	2	20
Chloromethane	ug/kg	<25.0	1250	1250	748	781	60	62	30-126	4	20
cis-1,2-Dichloroethene	ug/kg	<25.0	1250	1250	1220	1180	98	95	63-130	3	20
cis-1,3-Dichloropropene	ug/kg	<25.0	1250	1250	1180	1170	94	94	70-130	0	20
Dibromochloromethane	ug/kg	<25.0	1250	1250	1310	1270	105	102	66-136	3	20
Dichlorodifluoromethane	ug/kg	<25.0	1250	1250	612	597	49	48	10-99	3	33
Ethylbenzene	ug/kg	<25.0	1250	1250	1250	1210	100	97	80-122	3	20
Isopropylbenzene (Cumene)	ug/kg	<25.0	1250	1250	1200	1140	96	91	70-130	5	20
Methyl-tert-butyl ether	ug/kg	<25.0	1250	1250	1350	1350	108	108	63-134	0	20
Methylene Chloride	ug/kg	<25.0	1250	1250	1500	1470	118	116	56-127	2	20
Styrene	ug/kg	<25.0	1250	1250	1290	1260	103	101	70-130	3	20
Tetrachloroethene	ug/kg	<25.0	1250	1250	1380	1260	110	101	70-131	9	20
Toluene	ug/kg	<25.0	1250	1250	1380	1350	110	107	80-120	2	20
trans-1,2-Dichloroethene	ug/kg	<25.0	1250	1250	1300	1290	104	103	60-130	1	20
trans-1,3-Dichloropropene	ug/kg	<25.0	1250	1250	1260	1220	101	98	68-130	3	20
Trichloroethene	ug/kg	<25.0	1250	1250	1320	1310	106	105	70-130	1	20
Trichlorofluoromethane	ug/kg	<25.0	1250	1250	1270	1290	102	104	37-149	2	24
Vinyl chloride	ug/kg	<25.0	1250	1250	905	863	72	69	39-128	5	20
Xylene (Total)	ug/kg	<75.0	3750	3750	3790	3670	101	98	70-130	3	20
4-Bromofluorobenzene (S)	%						104	102	58-141		
Dibromofluoromethane (S)	%						118	115	68-130		
Toluene-d8 (S)	%						119	119	68-149		

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

QC Batch: 263307

Analysis Method: EPA 8270 by HVI

QC Batch Method: EPA 3510

Analysis Description: 8270 Water PAH by HVI

Associated Lab Samples: 40154033002, 40154033034

METHOD BLANK: 1549461

Matrix: Water

Associated Lab Samples: 40154033002, 40154033034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	08/02/17 13:00	
2-Methylnaphthalene	ug/L	<0.0049	0.024	08/02/17 13:00	
Acenaphthene	ug/L	<0.0061	0.030	08/02/17 13:00	
Acenaphthylene	ug/L	<0.0050	0.025	08/02/17 13:00	
Anthracene	ug/L	<0.010	0.052	08/02/17 13:00	
Benzo(a)anthracene	ug/L	<0.0076	0.038	08/02/17 13:00	
Benzo(a)pyrene	ug/L	<0.011	0.053	08/02/17 13:00	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	08/02/17 13:00	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	08/02/17 13:00	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	08/02/17 13:00	
Chrysene	ug/L	<0.013	0.065	08/02/17 13:00	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	08/02/17 13:00	
Fluoranthene	ug/L	<0.011	0.053	08/02/17 13:00	
Fluorene	ug/L	<0.0080	0.040	08/02/17 13:00	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	08/02/17 13:00	
Naphthalene	ug/L	<0.018	0.092	08/02/17 13:00	
Phenanthrene	ug/L	<0.014	0.069	08/02/17 13:00	
Pyrene	ug/L	0.017J	0.038	08/02/17 13:00	
2-Fluorobiphenyl (S)	%	63	35-84	08/02/17 13:00	
Terphenyl-d14 (S)	%	99	10-129	08/02/17 13:00	

METHOD BLANK: 1549464

Matrix: Water

Associated Lab Samples: 40154033002, 40154033034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0056	0.028	08/02/17 13:17	
2-Methylnaphthalene	ug/L	<0.0046	0.023	08/02/17 13:17	
Acenaphthene	ug/L	<0.0057	0.029	08/02/17 13:17	
Acenaphthylene	ug/L	<0.0047	0.023	08/02/17 13:17	
Anthracene	ug/L	<0.0099	0.049	08/02/17 13:17	
Benzo(a)anthracene	ug/L	<0.0071	0.036	08/02/17 13:17	
Benzo(a)pyrene	ug/L	<0.0099	0.050	08/02/17 13:17	
Benzo(b)fluoranthene	ug/L	<0.0054	0.027	08/02/17 13:17	
Benzo(g,h,i)perylene	ug/L	<0.0064	0.032	08/02/17 13:17	
Benzo(k)fluoranthene	ug/L	<0.0071	0.036	08/02/17 13:17	
Chrysene	ug/L	<0.012	0.062	08/02/17 13:17	
Dibenz(a,h)anthracene	ug/L	<0.0095	0.047	08/02/17 13:17	
Fluoranthene	ug/L	<0.010	0.050	08/02/17 13:17	
Fluorene	ug/L	<0.0075	0.038	08/02/17 13:17	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40154033

METHOD BLANK: 1549464 Matrix: Water

Associated Lab Samples: 40154033002, 40154033034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	<0.017	0.083	08/02/17 13:17	
Naphthalene	ug/L	<0.017	0.086	08/02/17 13:17	
Phenanthrene	ug/L	<0.013	0.065	08/02/17 13:17	
Pyrene	ug/L	0.013J	0.036	08/02/17 13:17	
2-Fluorobiphenyl (S)	%	50	35-84	08/02/17 13:17	
Terphenyl-d14 (S)	%	66	10-129	08/02/17 13:17	

LABORATORY CONTROL SAMPLE & LCSD: 1549462 1549463

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.2	1.3	60	65	39-83	7	29	
2-Methylnaphthalene	ug/L	2	1.2	1.3	61	66	38-86	8	32	
Acenaphthene	ug/L	2	1.4	1.4	68	70	35-85	3	27	
Acenaphthylene	ug/L	2	1.4	1.4	70	68	31-88	3	29	
Anthracene	ug/L	2	1.7	1.7	86	83	47-104	4	25	
Benzo(a)anthracene	ug/L	2	1.9	1.9	94	93	36-105	1	20	
Benzo(a)pyrene	ug/L	2	2.3	2.2	113	109	69-117	4	20	
Benzo(b)fluoranthene	ug/L	2	2.0	1.9	102	96	54-107	6	22	
Benzo(g,h,i)perylene	ug/L	2	0.99	0.99	49	49	13-86	0	33	
Benzo(k)fluoranthene	ug/L	2	2.0	1.9	102	97	63-128	5	20	
Chrysene	ug/L	2	2.3	2.3	117	113	69-150	3	20	
Dibenz(a,h)anthracene	ug/L	2	0.78	0.73	39	37	10-87	6	37	
Fluoranthene	ug/L	2	1.9	1.8	96	91	57-103	5	20	
Fluorene	ug/L	2	1.4	1.4	70	72	38-85	2	28	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.5	1.5	77	77	40-111	0	22	
Naphthalene	ug/L	2	1.2	1.3	62	66	39-82	6	28	
Phenanthrene	ug/L	2	1.6	1.5	81	77	46-96	5	25	
Pyrene	ug/L	2	2.0	1.9	99	96	57-110	4	20	
2-Fluorobiphenyl (S)	%				63	62	35-84			
Terphenyl-d14 (S)	%				99	96	10-129			

MATRIX SPIKE SAMPLE: 1549465

Parameter	Units	40152349011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	<0.0060	1.9	0.84	45	27-86	
2-Methylnaphthalene	ug/L	<0.0049	1.9	0.88	47	30-86	
Acenaphthene	ug/L	<0.0061	1.9	0.94	50	28-85	
Acenaphthylene	ug/L	<0.0050	1.9	0.95	51	27-88	
Anthracene	ug/L	<0.011	1.9	1.2	65	38-104	
Benzo(a)anthracene	ug/L	<0.0076	1.9	1.2	66	10-105	
Benzo(a)pyrene	ug/L	<0.011	1.9	1.3	69	10-130	
Benzo(b)fluoranthene	ug/L	<0.0058	1.9	1.2	64	10-115	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

MATRIX SPIKE SAMPLE:		1549465					
Parameter	Units	40152349011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(g,h,i)perylene	ug/L	<0.0068	1.9	0.40	22	10-87	
Benzo(k)fluoranthene	ug/L	<0.0076	1.9	1.0	55	10-133	
Chrysene	ug/L	<0.013	1.9	1.5	81	17-150	
Dibenz(a,h)anthracene	ug/L	<0.010	1.9	0.37	20	10-89	
Fluoranthene	ug/L	<0.011	1.9	1.2	67	41-103	
Fluorene	ug/L	<0.0081	1.9	0.97	52	32-85	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	1.9	0.74	40	10-111	
Naphthalene	ug/L	<0.019	1.9	0.88	46	23-88	
Phenanthrene	ug/L	<0.014	1.9	1.1	58	33-96	
Pyrene	ug/L	0.0090J	1.9	1.3	71	38-110	
2-Fluorobiphenyl (S)	%				45	35-84	
Terphenyl-d14 (S)	%				69	10-129	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

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QC Batch:	263122	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40154033003, 40154033004, 40154033005, 40154033006, 40154033007, 40154033008, 40154033009, 40154033010, 40154033011, 40154033012, 40154033013, 40154033014, 40154033015, 40154033016, 40154033017, 40154033018, 40154033019, 40154033020, 40154033021		

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SAMPLE DUPLICATE: 1548419

Parameter	Units	40154033005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.7	16.0	2	10	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

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QC Batch:	263532	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40154033022, 40154033023, 40154033024, 40154033025, 40154033026, 40154033027, 40154033028, 40154033029, 40154033030, 40154033031, 40154033032, 40154033035, 40154033036, 40154033037		

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SAMPLE DUPLICATE: 1551278

Parameter	Units	40154211002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.1	25.4	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154033002	TWB-14A 2-4	EPA 3510	263307	EPA 8270 by HVI	263366
40154033034	B-26 14-16	EPA 3510	263307	EPA 8270 by HVI	263366
40154033003	B-15AAA 2-4	EPA 5035/5030B	263183	EPA 8260	263184
40154033004	B-15AAA 4-6	EPA 5035/5030B	263040	EPA 8260	263042
40154033005	B-15AAA 6-8	EPA 5035/5030B	263040	EPA 8260	263042
40154033006	B-15CCC 2-4	EPA 5035/5030B	263040	EPA 8260	263042
40154033007	B-15CCC 4-6	EPA 5035/5030B	263040	EPA 8260	263042
40154033008	B-15CCC 6-8	EPA 5035/5030B	263040	EPA 8260	263042
40154033009	B-23 4-6	EPA 5035/5030B	263040	EPA 8260	263042
40154033010	B-23A 2-4	EPA 5035/5030B	263040	EPA 8260	263042
40154033011	B-23A 4-6	EPA 5035/5030B	263040	EPA 8260	263042
40154033012	B-23A 6-8	EPA 5035/5030B	263040	EPA 8260	263042
40154033013	B-23B 2-4	EPA 5035/5030B	263040	EPA 8260	263042
40154033014	B-23B 4-6	EPA 5035/5030B	263040	EPA 8260	263042
40154033015	B-23B 6-8	EPA 5035/5030B	263181	EPA 8260	263182
40154033016	B-23C 2-4	EPA 5035/5030B	263181	EPA 8260	263182
40154033017	B-23C 4-6	EPA 5035/5030B	263181	EPA 8260	263182
40154033018	B-23C 6-8	EPA 5035/5030B	263181	EPA 8260	263182
40154033019	B-25 2-4	EPA 5035/5030B	263181	EPA 8260	263182
40154033020	B-25 4-6	EPA 5035/5030B	263181	EPA 8260	263182
40154033021	B-25 6-8	EPA 5035/5030B	263181	EPA 8260	263182
40154033022	B-25 8-10	EPA 5035/5030B	263181	EPA 8260	263182
40154033023	B-25A 2-4	EPA 5035/5030B	263181	EPA 8260	263182
40154033024	B-25A 4-6	EPA 5035/5030B	263181	EPA 8260	263182
40154033025	B-25A 6-8	EPA 5035/5030B	263181	EPA 8260	263182
40154033026	B-25B 2-4	EPA 5035/5030B	263181	EPA 8260	263182
40154033027	B-25B 4-6	EPA 5035/5030B	263181	EPA 8260	263182
40154033028	B-25B 6-8	EPA 5035/5030B	263181	EPA 8260	263182
40154033029	B-25C 2-4	EPA 5035/5030B	263181	EPA 8260	263182
40154033030	B-25C 4-6	EPA 5035/5030B	263181	EPA 8260	263182
40154033031	B-25C 6-8	EPA 5035/5030B	263181	EPA 8260	263182
40154033032	B-26 2-4	EPA 5035/5030B	263181	EPA 8260	263182
40154033033	B-26 14-16	EPA 5035/5030B	263181	EPA 8260	263182
40154033035	B-40 2-4	EPA 5035/5030B	263181	EPA 8260	263182
40154033036	B-40 4-6	EPA 5035/5030B	263183	EPA 8260	263184
40154033037	B-40 6-8	EPA 5035/5030B	263183	EPA 8260	263184
40154033003	B-15AAA 2-4	ASTM D2974-87	263122		
40154033004	B-15AAA 4-6	ASTM D2974-87	263122		
40154033005	B-15AAA 6-8	ASTM D2974-87	263122		
40154033006	B-15CCC 2-4	ASTM D2974-87	263122		
40154033007	B-15CCC 4-6	ASTM D2974-87	263122		
40154033008	B-15CCC 6-8	ASTM D2974-87	263122		
40154033009	B-23 4-6	ASTM D2974-87	263122		
40154033010	B-23A 2-4	ASTM D2974-87	263122		
40154033011	B-23A 4-6	ASTM D2974-87	263122		
40154033012	B-23A 6-8	ASTM D2974-87	263122		

### REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: IE-1704004 THE COUTURE

Pace Project No.: 40154033

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154033013	B-23B 2-4	ASTM D2974-87	263122		
40154033014	B-23B 4-6	ASTM D2974-87	263122		
40154033015	B-23B 6-8	ASTM D2974-87	263122		
40154033016	B-23C 2-4	ASTM D2974-87	263122		
40154033017	B-23C 4-6	ASTM D2974-87	263122		
40154033018	B-23C 6-8	ASTM D2974-87	263122		
40154033019	B-25 2-4	ASTM D2974-87	263122		
40154033020	B-25 4-6	ASTM D2974-87	263122		
40154033021	B-25 6-8	ASTM D2974-87	263122		
40154033022	B-25 8-10	ASTM D2974-87	263532		
40154033023	B-25A 2-4	ASTM D2974-87	263532		
40154033024	B-25A 4-6	ASTM D2974-87	263532		
40154033025	B-25A 6-8	ASTM D2974-87	263532		
40154033026	B-25B 2-4	ASTM D2974-87	263532		
40154033027	B-25B 4-6	ASTM D2974-87	263532		
40154033028	B-25B 6-8	ASTM D2974-87	263532		
40154033029	B-25C 2-4	ASTM D2974-87	263532		
40154033030	B-25C 4-6	ASTM D2974-87	263532		
40154033031	B-25C 6-8	ASTM D2974-87	263532		
40154033032	B-26 2-4	ASTM D2974-87	263532		
40154033035	B-40 2-4	ASTM D2974-87	263532		
40154033036	B-40 4-6	ASTM D2974-87	263532		
40154033037	B-40 6-8	ASTM D2974-87	263532		

## REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

*W*

40154033

Page: 1 of 3

**Section A**

Required Client Information:  
 Company: Giles Engineering Associates, Inc  
 Address: N8 W22350 Johnson Drive Ste. A1  
 Waukesha WI 53186  
 Email To: kbugel@gilesengr.com  
 Phone: 262-544-0118 | Fax:  
 Requested Due Date/TAT: 5 day

**Section B**

Required Project Information:  
 Report To: Kevin Bugel kbugel@gilesengr.com  
 Copy To: Kelly Hayden khayden@gilesengr.com  
 Purchase Order No.:  
 Project Name: The Couture  
 Project Number: 1E-1704004

**Section C**

Invoice Information:  
 Attention:  
 Company Name:  
 Address:  
 Pace Quote Reference:  
 Pace Project Manager:  
 Pace Profile #:

**REGULATORY AGENCY**

NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER \_\_\_\_\_

**Site Location**

WI  
 STATE: \_\_\_\_\_

**Requested Analysis Filtered (Y/N)**

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.					
						Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other		VOC	PAH-SPLP	PAH-SPLP	PAH-SPLP	PAH-SPLP	PAH-SPLP	PAH-SPLP	PAH-SPLP			PAH-SPLP	PAH-SPLP			
	SAMPLE ID (A-Z, 0-9/1, -) Sample IDs MUST BE UNIQUE	MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	DATE	TIME	DATE	TIME	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	
1	B-14A 2-4		7/27/17	1337			SL	G																					
2	B-15AAA 2-4	003		1040			SL	G																					
3	B-15AAA 4-6	004		1045			SL	G																					
4	B-15AAA 6-8	005		1050			SL	G																					
5	B-15CCC 2-4	006		1130			SL	G																					
6	B-15CCC 4-6	007		1135			SL	G																					
7	B-15CCC 6-8	008		1140			SL	G																					
8	B-23 4-6	009		1425			SL	G																					
9	B-23A 2-4	010		1410			SL	G																					
10	B-23A 4-6	011		1415			SL	G																					
11	B-23A 6-8	012		1420			SL	G																					
12	B-23B 2-4	013		1435			SL	G																					

**ADDITIONAL COMMENTS**

**RELINQUISHED BY / AFFILIATION**

**DATE**

**TIME**

**ACCEPTED BY / AFFILIATION**

**DATE**

**TIME**

**SAMPLE CONDITIONS**

7/28/17 sw  
 1 Giles  
 C.S. Roggeles 7/28/17 0935  
 J. [Signature] 7/28/17 0935  
 Y N Y

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: Kelly Hayden

SIGNATURE of SAMPLER: *Ky Hayden*

DATE Signed (MM/DD/YY): 7/27/17

Temp in °C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)



# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

20154033

Page 02 of 104

Page: 2 of 3

**Section A**

Required Client Information:

Company: Giles Engineering Associates, Inc

Address: N8 W22350 Johnson Drive Ste. A1  
Waukesha WI 53186

Email To: kbugel@gilesengr.com

Phone: 262-544-0118 Fax: \_\_\_\_\_

Requested Due Date/TAT: 5 day

**Section B**

Required Project Information:

Report To: Kevin Bugel kbugel@gilesengr.com

Copy To: Kelly Hayden khayden@gilesengr.com

Purchase Order No.:

Project Name: The Couture

Project Number: 1E-1704004

**Section C**

Invoice Information:

Attention:

Company Name:

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

**REGULATORY AGENCY**

NPDES  GROUND WATER  DRINKING WATER

UST  RCRA  OTHER

**Site Location**

**STATE:** WI

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
					COMPOSITE START	COMPOSITE END/GRAB	DATE	TIME			DATE	TIME	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>				
13	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	B-23B	4-6	014	SL	G	7/27/17	1500		2									X			1-402 PA 1-40 ml V P
04		B-23B	6-8	015	SL	G		1505		2									X			
05		B-23C	2-4	016	SL	G		1435		2									X			
06		B-23C	4-6	017	SL	G		1440		2									X			
07		B-23C	6-8	018	SL	G		1445		2									X			
08		B-25	2-4	019	SL	G		1240		2									X			
09		B-25	4-6	020	SL	G		1245		2									X			
10		B-25	6-8	021	SL	G		1250		2									X			
11		B-25	8-10	022	SL	G		1255		2									X			
12		B-25A	2-4	023	SL	G		1215		2									X			
13		B-25A	4-6	024	SL	G		1220		2									X			
14		B-25A	6-8	025	SL	G		1225		2									X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
7/27/17	[Signature] Giles	7/27/17	1630	[Signature]	7/28/17	0935	RDT Y N Y

<b>SAMPLER NAME AND SIGNATURE</b>	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden				
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7/27/17			



Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302



Client Name: Giles Engineering Project #: WO# : 40154033

Courier:  Fed Ex  UPS  Client  Pace  Other CS Logistics



Tracking #: \_\_\_\_\_  
Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no  
Custody Seal on Samples Present:  yes  no Seals intact:  yes  no  
Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used N/A Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun  
Cooler Temperature Uncorr: ROI / Corr: \_\_\_\_\_ Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no  no

Person examining contents:  
Date: 7-28-17  
Initials: [Signature]

		Comments:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>NO MS/MSD Volume</u>
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>all 4ozp A No date &amp; time</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>015 ID on vial B-236-8, 7-28-17 KR</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Comments/ Resolution: Client covered all tare weight

Project Manager Review: RWR for DM Date: 7/28/17

July 21, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on July 07, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152907001	B-17 2-4	Solid	07/03/17 11:40	07/07/17 09:45
40152907002	B-17 4-6	Solid	07/03/17 11:45	07/07/17 09:45
40152907003	B-17 6-8	Solid	07/03/17 11:50	07/07/17 09:45
40152907004	B-18 2-4	Solid	07/03/17 12:15	07/07/17 09:45
40152907005	B-18 4-6	Solid	07/03/17 12:20	07/07/17 09:45
40152907006	B-18 6-8	Solid	07/03/17 12:25	07/07/17 09:45
40152907007	B-19 2-4	Solid	07/03/17 13:00	07/07/17 09:45
40152907008	B-19 4-6	Solid	07/03/17 13:05	07/07/17 09:45
40152907009	B-19 8-10	Solid	07/03/17 13:10	07/07/17 09:45
40152907010	B-20 2-4	Solid	07/03/17 13:50	07/07/17 09:45
40152907011	B-20 6-8	Solid	07/03/17 13:55	07/07/17 09:45
40152907012	B-20 8-10	Solid	07/03/17 14:00	07/07/17 09:45
40152907013	B-21 2-4	Solid	07/05/17 15:10	07/07/17 09:45
40152907014	B-21 6-8	Solid	07/05/17 15:15	07/07/17 09:45
40152907015	B-21 8-10	Solid	07/05/17 15:20	07/07/17 09:45
40152907016	B-22 2-4	Solid	07/05/17 14:55	07/07/17 09:45
40152907017	B-22 6-8	Solid	07/05/17 15:00	07/07/17 09:45
40152907018	B-23 2-4	Solid	07/03/17 15:00	07/07/17 09:45
40152907019	B-23 6-8	Solid	07/03/17 15:05	07/07/17 09:45
40152907020	B-23 12-14	Solid	07/03/17 15:10	07/07/17 09:45
40152907021	B-24 2-4	Solid	07/03/17 15:20	07/07/17 09:45
40152907022	B-24 4-6	Solid	07/03/17 15:25	07/07/17 09:45
40152907023	B-24 8-10	Solid	07/03/17 15:30	07/07/17 09:45
40152907024	B-25 6-8	Solid	07/05/17 09:35	07/07/17 09:45
40152907025	B-25 10-12	Solid	07/05/17 09:40	07/07/17 09:45
40152907026	B-25 16-18	Solid	07/05/17 09:45	07/07/17 09:45
40152907027	B-25 18-20	Solid	07/05/17 09:50	07/07/17 09:45
40152907028	B-26 2-4	Solid	07/05/17 15:30	07/07/17 09:45
40152907029	B-26 6-8	Solid	07/05/17 15:35	07/07/17 09:45
40152907030	B-26 10-12	Solid	07/05/17 15:40	07/07/17 09:45
40152907031	B-26 14-16	Solid	07/05/17 15:45	07/07/17 09:45

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152907001	B-17 2-4	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907002	B-17 4-6	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907003	B-17 6-8	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907004	B-18 2-4	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907005	B-18 4-6	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907006	B-18 6-8	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907007	B-19 2-4	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907008	B-19 4-6	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907009	B-19 8-10	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40152907010	B-20 2-4	EPA 6010	DLB	3	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152907011	B-20 6-8	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
40152907012	B-20 8-10	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	AH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152907013	B-21 2-4	ASTM D2974-87	AH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152907014	B-21 6-8	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
40152907015	B-21 8-10	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
40152907016	B-22 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152907017	B-22 6-8	ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152907018	B-23 2-4	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
40152907019	B-23 6-8	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8260	SMT	63	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152907020	B-23 12-14	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152907021	B-24 2-4	ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152907022	B-24 4-6	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
40152907023	B-24 8-10	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
40152907024	B-25 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152907025	B-25 10-12	ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40152907026	B-25 16-18	EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
40152907027	B-25 18-20	EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
40152907028	B-26 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152907029	B-26 6-8	ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152907030	B-26 10-12	ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152907031	B-26 14-16	ASTM D2974-87	BTH	1	PASI-G
		EPA 6010	DLB	3	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	BTH	1	PASI-G

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152907001</b>	<b>B-17 2-4</b>					
EPA 6010	Arsenic	7.0	mg/kg	5.1	07/12/17 11:20	
EPA 6010	Lead	46.8	mg/kg	1.3	07/12/17 11:20	
EPA 8270 by SIM	Acenaphthene	124	ug/kg	70.6	07/18/17 01:28	
EPA 8270 by SIM	Acenaphthylene	22.5J	ug/kg	60.2	07/18/17 01:28	
EPA 8270 by SIM	Anthracene	261	ug/kg	104	07/18/17 01:28	
EPA 8270 by SIM	Benzo(a)anthracene	450	ug/kg	58.0	07/18/17 01:28	
EPA 8270 by SIM	Benzo(a)pyrene	481	ug/kg	45.8	07/18/17 01:28	
EPA 8270 by SIM	Benzo(b)fluoranthene	358	ug/kg	51.5	07/18/17 01:28	
EPA 8270 by SIM	Benzo(g,h,i)perylene	348	ug/kg	37.0	07/18/17 01:28	
EPA 8270 by SIM	Benzo(k)fluoranthene	467	ug/kg	45.7	07/18/17 01:28	
EPA 8270 by SIM	Chrysene	496	ug/kg	61.3	07/18/17 01:28	
EPA 8270 by SIM	Dibenz(a,h)anthracene	111	ug/kg	40.8	07/18/17 01:28	
EPA 8270 by SIM	Fluoranthene	1060	ug/kg	95.2	07/18/17 01:28	
EPA 8270 by SIM	Fluorene	170	ug/kg	75.5	07/18/17 01:28	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	306	ug/kg	40.1	07/18/17 01:28	
EPA 8270 by SIM	1-Methylnaphthalene	159	ug/kg	73.3	07/18/17 01:28	
EPA 8270 by SIM	2-Methylnaphthalene	250	ug/kg	91.3	07/18/17 01:28	
EPA 8270 by SIM	Naphthalene	647	ug/kg	154	07/18/17 01:28	
EPA 8270 by SIM	Phenanthrene	898	ug/kg	212	07/18/17 01:28	
EPA 8270 by SIM	Pyrene	951	ug/kg	82.0	07/18/17 01:28	
EPA 8260	Benzene	1240	ug/kg	65.6	07/11/17 13:03	
EPA 8260	n-Butylbenzene	29.9J	ug/kg	65.6	07/11/17 13:03	
EPA 8260	Ethylbenzene	63.3J	ug/kg	65.6	07/11/17 13:03	
EPA 8260	Naphthalene	109J	ug/kg	273	07/11/17 13:03	
EPA 8260	n-Propylbenzene	62.1J	ug/kg	65.6	07/11/17 13:03	
EPA 8260	Toluene	73.3	ug/kg	65.6	07/11/17 13:03	
EPA 8260	1,2,4-Trimethylbenzene	133	ug/kg	65.6	07/11/17 13:03	
EPA 8260	1,3,5-Trimethylbenzene	50.6J	ug/kg	65.6	07/11/17 13:03	
EPA 8260	Xylene (Total)	195J	ug/kg	197	07/11/17 13:03	
ASTM D2974-87	Percent Moisture	8.5	%	0.10	07/13/17 16:25	
<b>40152907002</b>	<b>B-17 4-6</b>					
EPA 6010	Arsenic	4.9J	mg/kg	5.4	07/12/17 11:22	
EPA 6010	Lead	44.4	mg/kg	1.4	07/12/17 11:22	
EPA 8270 by SIM	Acenaphthene	15.3	ug/kg	14.1	07/18/17 01:46	
EPA 8270 by SIM	Acenaphthylene	13.1	ug/kg	12.0	07/18/17 01:46	
EPA 8270 by SIM	Anthracene	49.0	ug/kg	20.8	07/18/17 01:46	
EPA 8270 by SIM	Benzo(a)anthracene	167	ug/kg	11.6	07/18/17 01:46	
EPA 8270 by SIM	Benzo(a)pyrene	234	ug/kg	9.2	07/18/17 01:46	
EPA 8270 by SIM	Benzo(b)fluoranthene	244	ug/kg	10.3	07/18/17 01:46	
EPA 8270 by SIM	Benzo(g,h,i)perylene	221	ug/kg	7.4	07/18/17 01:46	
EPA 8270 by SIM	Benzo(k)fluoranthene	223	ug/kg	9.1	07/18/17 01:46	
EPA 8270 by SIM	Chrysene	232	ug/kg	12.2	07/18/17 01:46	
EPA 8270 by SIM	Dibenz(a,h)anthracene	69.2	ug/kg	8.1	07/18/17 01:46	
EPA 8270 by SIM	Fluoranthene	292	ug/kg	19.0	07/18/17 01:46	
EPA 8270 by SIM	Fluorene	15.4	ug/kg	15.1	07/18/17 01:46	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	181	ug/kg	8.0	07/18/17 01:46	
EPA 8270 by SIM	1-Methylnaphthalene	57.0	ug/kg	14.7	07/18/17 01:46	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907002</b>	<b>B-17 4-6</b>					
EPA 8270 by SIM	2-Methylnaphthalene	80.8	ug/kg	18.3	07/18/17 01:46	
EPA 8270 by SIM	Naphthalene	56.5	ug/kg	30.7	07/18/17 01:46	
EPA 8270 by SIM	Phenanthrene	194	ug/kg	42.4	07/18/17 01:46	
EPA 8270 by SIM	Pyrene	269	ug/kg	16.4	07/18/17 01:46	
EPA 8260	Benzene	110	ug/kg	65.5	07/12/17 01:47	
EPA 8260	Toluene	28.1J	ug/kg	65.5	07/12/17 01:47	
EPA 8260	1,2,4-Trimethylbenzene	44.3J	ug/kg	65.5	07/12/17 01:47	
ASTM D2974-87	Percent Moisture	8.4	%	0.10	07/13/17 16:25	
<b>40152907003</b>	<b>B-17 6-8</b>					
EPA 6010	Arsenic	3.9J	mg/kg	5.7	07/12/17 11:25	
EPA 6010	Lead	6.7	mg/kg	1.5	07/12/17 11:25	
EPA 8270 by SIM	Benzo(a)pyrene	3.4J	ug/kg	10.0	07/17/17 14:23	
EPA 8270 by SIM	Benzo(b)fluoranthene	3.5J	ug/kg	11.3	07/17/17 14:23	
EPA 8270 by SIM	Benzo(g,h,i)perylene	4.0J	ug/kg	8.1	07/17/17 14:23	
EPA 8270 by SIM	Benzo(k)fluoranthene	3.3J	ug/kg	10	07/17/17 14:23	
EPA 8270 by SIM	Chrysene	5.6J	ug/kg	13.4	07/17/17 14:23	
ASTM D2974-87	Percent Moisture	16.4	%	0.10	07/13/17 16:25	
<b>40152907004</b>	<b>B-18 2-4</b>					
EPA 6010	Arsenic	5.1J	mg/kg	5.4	07/12/17 11:27	
EPA 6010	Lead	74.0	mg/kg	1.4	07/12/17 11:27	
EPA 8270 by SIM	Acenaphthene	24.3J	ug/kg	28.6	07/18/17 02:03	
EPA 8270 by SIM	Acenaphthylene	17.0J	ug/kg	24.4	07/18/17 02:03	
EPA 8270 by SIM	Anthracene	76.1	ug/kg	42.2	07/18/17 02:03	
EPA 8270 by SIM	Benzo(a)anthracene	265	ug/kg	23.5	07/18/17 02:03	
EPA 8270 by SIM	Benzo(a)pyrene	371	ug/kg	18.6	07/18/17 02:03	
EPA 8270 by SIM	Benzo(b)fluoranthene	352	ug/kg	20.9	07/18/17 02:03	
EPA 8270 by SIM	Benzo(g,h,i)perylene	348	ug/kg	15.0	07/18/17 02:03	
EPA 8270 by SIM	Benzo(k)fluoranthene	419	ug/kg	18.5	07/18/17 02:03	
EPA 8270 by SIM	Chrysene	366	ug/kg	24.8	07/18/17 02:03	
EPA 8270 by SIM	Dibenz(a,h)anthracene	113	ug/kg	16.5	07/18/17 02:03	
EPA 8270 by SIM	Fluoranthene	487	ug/kg	38.6	07/18/17 02:03	
EPA 8270 by SIM	Fluorene	24.2J	ug/kg	30.6	07/18/17 02:03	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	291	ug/kg	16.3	07/18/17 02:03	
EPA 8270 by SIM	1-Methylnaphthalene	40.0	ug/kg	29.7	07/18/17 02:03	
EPA 8270 by SIM	2-Methylnaphthalene	49.4	ug/kg	37.1	07/18/17 02:03	
EPA 8270 by SIM	Naphthalene	49.0J	ug/kg	62.3	07/18/17 02:03	
EPA 8270 by SIM	Phenanthrene	324	ug/kg	86.1	07/18/17 02:03	
EPA 8270 by SIM	Pyrene	435	ug/kg	33.3	07/18/17 02:03	
ASTM D2974-87	Percent Moisture	10.0	%	0.10	07/13/17 16:25	
<b>40152907005</b>	<b>B-18 4-6</b>					
EPA 6010	Arsenic	5.2J	mg/kg	5.5	07/12/17 11:30	
EPA 6010	Lead	73.6	mg/kg	1.4	07/12/17 11:30	
EPA 8270 by SIM	Acenaphthene	34.7	ug/kg	28.6	07/18/17 03:48	
EPA 8270 by SIM	Acenaphthylene	18.9J	ug/kg	24.4	07/18/17 03:48	
EPA 8270 by SIM	Anthracene	119	ug/kg	42.1	07/18/17 03:48	
EPA 8270 by SIM	Benzo(a)anthracene	305	ug/kg	23.5	07/18/17 03:48	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907005</b>	<b>B-18 4-6</b>					
EPA 8270 by SIM	Benzo(a)pyrene	373	ug/kg	18.6	07/18/17 03:48	
EPA 8270 by SIM	Benzo(b)fluoranthene	416	ug/kg	20.9	07/18/17 03:48	
EPA 8270 by SIM	Benzo(g,h,i)perylene	315	ug/kg	15.0	07/18/17 03:48	
EPA 8270 by SIM	Benzo(k)fluoranthene	394	ug/kg	18.5	07/18/17 03:48	
EPA 8270 by SIM	Chrysene	407	ug/kg	24.8	07/18/17 03:48	
EPA 8270 by SIM	Dibenz(a,h)anthracene	115	ug/kg	16.5	07/18/17 03:48	
EPA 8270 by SIM	Fluoranthene	532	ug/kg	38.6	07/18/17 03:48	
EPA 8270 by SIM	Fluorene	39.9	ug/kg	30.6	07/18/17 03:48	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	275	ug/kg	16.3	07/18/17 03:48	
EPA 8270 by SIM	1-Methylnaphthalene	61.0	ug/kg	29.7	07/18/17 03:48	
EPA 8270 by SIM	2-Methylnaphthalene	75.2	ug/kg	37.0	07/18/17 03:48	
EPA 8270 by SIM	Naphthalene	68.7	ug/kg	62.3	07/18/17 03:48	
EPA 8270 by SIM	Phenanthrene	439	ug/kg	86.0	07/18/17 03:48	
EPA 8270 by SIM	Pyrene	482	ug/kg	33.3	07/18/17 03:48	
EPA 8260	Toluene	40.1J	ug/kg	66.6	07/12/17 02:33	
ASTM D2974-87	Percent Moisture	10	%	0.10	07/13/17 16:25	
<b>40152907006</b>	<b>B-18 6-8</b>					
EPA 6010	Arsenic	5.8	mg/kg	5.5	07/12/17 11:32	
EPA 6010	Lead	105	mg/kg	1.4	07/12/17 11:32	
EPA 8270 by SIM	Acenaphthene	11.8J	ug/kg	14.5	07/18/17 00:54	
EPA 8270 by SIM	Acenaphthylene	9.4J	ug/kg	12.3	07/18/17 00:54	
EPA 8270 by SIM	Anthracene	36.1	ug/kg	21.3	07/18/17 00:54	
EPA 8270 by SIM	Benzo(a)anthracene	136	ug/kg	11.9	07/18/17 00:54	
EPA 8270 by SIM	Benzo(a)pyrene	172	ug/kg	9.4	07/18/17 00:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	171	ug/kg	10.6	07/18/17 00:54	
EPA 8270 by SIM	Benzo(g,h,i)perylene	156	ug/kg	7.6	07/18/17 00:54	
EPA 8270 by SIM	Benzo(k)fluoranthene	189	ug/kg	9.4	07/18/17 00:54	
EPA 8270 by SIM	Chrysene	184	ug/kg	12.6	07/18/17 00:54	
EPA 8270 by SIM	Dibenz(a,h)anthracene	51.9	ug/kg	8.4	07/18/17 00:54	
EPA 8270 by SIM	Fluoranthene	254	ug/kg	19.5	07/18/17 00:54	
EPA 8270 by SIM	Fluorene	11.1J	ug/kg	15.5	07/18/17 00:54	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	133	ug/kg	8.2	07/18/17 00:54	
EPA 8270 by SIM	1-Methylnaphthalene	25.2	ug/kg	15.0	07/18/17 00:54	
EPA 8270 by SIM	2-Methylnaphthalene	31.0	ug/kg	18.7	07/18/17 00:54	
EPA 8270 by SIM	Naphthalene	26.9J	ug/kg	31.5	07/18/17 00:54	
EPA 8270 by SIM	Phenanthrene	156	ug/kg	43.5	07/18/17 00:54	
EPA 8270 by SIM	Pyrene	221	ug/kg	16.8	07/18/17 00:54	
ASTM D2974-87	Percent Moisture	10.9	%	0.10	07/13/17 16:25	
<b>40152907007</b>	<b>B-19 2-4</b>					
EPA 6010	Arsenic	8.9	mg/kg	4.9	07/12/17 11:39	
EPA 6010	Lead	58.8	mg/kg	1.3	07/12/17 11:39	
EPA 8270 by SIM	Acenaphthene	55.0J	ug/kg	111	07/18/17 04:05	
EPA 8270 by SIM	Acenaphthylene	46.4J	ug/kg	94.4	07/18/17 04:05	
EPA 8270 by SIM	Anthracene	197	ug/kg	163	07/18/17 04:05	
EPA 8270 by SIM	Benzo(a)anthracene	803	ug/kg	91.0	07/18/17 04:05	
EPA 8270 by SIM	Benzo(a)pyrene	1200	ug/kg	71.8	07/18/17 04:05	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907007</b>	<b>B-19 2-4</b>					
EPA 8270 by SIM	Benzo(b)fluoranthene	1380	ug/kg	80.8	07/18/17 04:05	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1060	ug/kg	58.1	07/18/17 04:05	
EPA 8270 by SIM	Benzo(k)fluoranthene	1040	ug/kg	71.7	07/18/17 04:05	
EPA 8270 by SIM	Chrysene	1090	ug/kg	96.1	07/18/17 04:05	
EPA 8270 by SIM	Dibenz(a,h)anthracene	345	ug/kg	63.9	07/18/17 04:05	
EPA 8270 by SIM	Fluoranthene	1230	ug/kg	149	07/18/17 04:05	
EPA 8270 by SIM	Fluorene	53.9J	ug/kg	118	07/18/17 04:05	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	909	ug/kg	62.9	07/18/17 04:05	
EPA 8270 by SIM	1-Methylnaphthalene	43.4J	ug/kg	115	07/18/17 04:05	
EPA 8270 by SIM	2-Methylnaphthalene	50.8J	ug/kg	143	07/18/17 04:05	
EPA 8270 by SIM	Phenanthrene	679	ug/kg	333	07/18/17 04:05	
EPA 8270 by SIM	Pyrene	1230	ug/kg	129	07/18/17 04:05	
ASTM D2974-87	Percent Moisture	7.0	%	0.10	07/13/17 16:25	
<b>40152907008</b>	<b>B-19 4-6</b>					
EPA 6010	Arsenic	7.6	mg/kg	4.9	07/12/17 11:42	
EPA 6010	Lead	51.8	mg/kg	1.3	07/12/17 11:42	
EPA 8270 by SIM	Acenaphthene	18.4	ug/kg	14.0	07/18/17 01:11	
EPA 8270 by SIM	Acenaphthylene	8.0J	ug/kg	12.0	07/18/17 01:11	
EPA 8270 by SIM	Anthracene	51.8	ug/kg	20.7	07/18/17 01:11	
EPA 8270 by SIM	Benzo(a)anthracene	248	ug/kg	11.5	07/18/17 01:11	
EPA 8270 by SIM	Benzo(a)pyrene	411	ug/kg	9.1	07/18/17 01:11	
EPA 8270 by SIM	Benzo(b)fluoranthene	550	ug/kg	10.2	07/18/17 01:11	
EPA 8270 by SIM	Benzo(g,h,i)perylene	450	ug/kg	7.4	07/18/17 01:11	
EPA 8270 by SIM	Benzo(k)fluoranthene	327	ug/kg	9.1	07/18/17 01:11	
EPA 8270 by SIM	Chrysene	388	ug/kg	12.2	07/18/17 01:11	
EPA 8270 by SIM	Dibenz(a,h)anthracene	135	ug/kg	8.1	07/18/17 01:11	
EPA 8270 by SIM	Fluoranthene	407	ug/kg	18.9	07/18/17 01:11	
EPA 8270 by SIM	Fluorene	19.2	ug/kg	15.0	07/18/17 01:11	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	358	ug/kg	8.0	07/18/17 01:11	
EPA 8270 by SIM	1-Methylnaphthalene	20.2	ug/kg	14.6	07/18/17 01:11	
EPA 8270 by SIM	2-Methylnaphthalene	24.5	ug/kg	18.2	07/18/17 01:11	
EPA 8270 by SIM	Naphthalene	28.5J	ug/kg	30.6	07/18/17 01:11	
EPA 8270 by SIM	Phenanthrene	272	ug/kg	42.2	07/18/17 01:11	
EPA 8270 by SIM	Pyrene	386	ug/kg	16.3	07/18/17 01:11	
ASTM D2974-87	Percent Moisture	7.9	%	0.10	07/13/17 16:25	
<b>40152907009</b>	<b>B-19 8-10</b>					
EPA 6010	Arsenic	4.5J	mg/kg	5.6	07/12/17 11:44	
EPA 6010	Lead	9.8	mg/kg	1.5	07/12/17 11:44	
ASTM D2974-87	Percent Moisture	17.3	%	0.10	07/13/17 16:26	
<b>40152907010</b>	<b>B-20 2-4</b>					
EPA 6010	Arsenic	6.5	mg/kg	4.8	07/12/17 11:46	
EPA 6010	Lead	61.3	mg/kg	1.3	07/12/17 11:46	
EPA 8270 by SIM	Acenaphthene	56.4J	ug/kg	69.9	07/18/17 00:36	
EPA 8270 by SIM	Acenaphthylene	28.3J	ug/kg	59.6	07/18/17 00:36	
EPA 8270 by SIM	Anthracene	180	ug/kg	103	07/18/17 00:36	
EPA 8270 by SIM	Benzo(a)anthracene	429	ug/kg	57.5	07/18/17 00:36	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907010</b>	<b>B-20 2-4</b>					
EPA 8270 by SIM	Benzo(a)pyrene	495	ug/kg	45.4	07/18/17 00:36	
EPA 8270 by SIM	Benzo(b)fluoranthene	483	ug/kg	51.0	07/18/17 00:36	
EPA 8270 by SIM	Benzo(g,h,i)perylene	378	ug/kg	36.7	07/18/17 00:36	
EPA 8270 by SIM	Benzo(k)fluoranthene	431	ug/kg	45.3	07/18/17 00:36	
EPA 8270 by SIM	Chrysene	493	ug/kg	60.7	07/18/17 00:36	
EPA 8270 by SIM	Dibenz(a,h)anthracene	129	ug/kg	40.4	07/18/17 00:36	
EPA 8270 by SIM	Fluoranthene	962	ug/kg	94.3	07/18/17 00:36	
EPA 8270 by SIM	Fluorene	64.8J	ug/kg	74.8	07/18/17 00:36	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	331	ug/kg	39.7	07/18/17 00:36	
EPA 8270 by SIM	1-Methylnaphthalene	77.0	ug/kg	72.7	07/18/17 00:36	
EPA 8270 by SIM	2-Methylnaphthalene	76.4J	ug/kg	90.6	07/18/17 00:36	
EPA 8270 by SIM	Naphthalene	62.8J	ug/kg	152	07/18/17 00:36	
EPA 8270 by SIM	Phenanthrene	654	ug/kg	210	07/18/17 00:36	
EPA 8270 by SIM	Pyrene	853	ug/kg	81.3	07/18/17 00:36	
EPA 8260	Naphthalene	51.7J	ug/kg	272	07/12/17 01:01	
EPA 8260	Toluene	32.9J	ug/kg	65.2	07/12/17 01:01	
ASTM D2974-87	Percent Moisture	8.0	%	0.10	07/13/17 16:26	
<b>40152907011</b>	<b>B-20 6-8</b>					
EPA 6010	Arsenic	3.4J	mg/kg	5.4	07/12/17 11:49	
EPA 6010	Lead	69.9	mg/kg	1.4	07/12/17 11:49	
EPA 8270 by SIM	Acenaphthene	171J	ug/kg	294	07/17/17 20:16	
EPA 8270 by SIM	Anthracene	478	ug/kg	432	07/17/17 20:16	
EPA 8270 by SIM	Benzo(a)anthracene	887	ug/kg	241	07/17/17 20:16	
EPA 8270 by SIM	Benzo(a)pyrene	1020	ug/kg	190	07/17/17 20:16	
EPA 8270 by SIM	Benzo(b)fluoranthene	906	ug/kg	214	07/17/17 20:16	
EPA 8270 by SIM	Benzo(g,h,i)perylene	875	ug/kg	154	07/17/17 20:16	
EPA 8270 by SIM	Benzo(k)fluoranthene	865	ug/kg	190	07/17/17 20:16	
EPA 8270 by SIM	Chrysene	1050	ug/kg	255	07/17/17 20:16	
EPA 8270 by SIM	Dibenz(a,h)anthracene	259	ug/kg	170	07/17/17 20:16	
EPA 8270 by SIM	Fluoranthene	2060	ug/kg	396	07/17/17 20:16	
EPA 8270 by SIM	Fluorene	275J	ug/kg	314	07/17/17 20:16	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	696	ug/kg	167	07/17/17 20:16	
EPA 8270 by SIM	1-Methylnaphthalene	119J	ug/kg	305	07/17/17 20:16	
EPA 8270 by SIM	2-Methylnaphthalene	134J	ug/kg	380	07/17/17 20:16	
EPA 8270 by SIM	Phenanthrene	2180	ug/kg	883	07/17/17 20:16	
EPA 8270 by SIM	Pyrene	1880	ug/kg	341	07/17/17 20:16	
EPA 8260	Naphthalene	68.7J	ug/kg	284	07/12/17 01:24	
ASTM D2974-87	Percent Moisture	12.1	%	0.10	07/13/17 16:26	
<b>40152907012</b>	<b>B-20 8-10</b>					
EPA 6010	Arsenic	3.3J	mg/kg	5.4	07/12/17 11:51	
EPA 6010	Lead	30.0	mg/kg	1.4	07/12/17 11:51	
EPA 8270 by SIM	Acenaphthene	26.3J	ug/kg	29.4	07/18/17 02:21	
EPA 8270 by SIM	Acenaphthylene	13.0J	ug/kg	25.1	07/18/17 02:21	
EPA 8270 by SIM	Anthracene	91.8	ug/kg	43.3	07/18/17 02:21	
EPA 8270 by SIM	Benzo(a)anthracene	211	ug/kg	24.2	07/18/17 02:21	
EPA 8270 by SIM	Benzo(a)pyrene	227	ug/kg	19.1	07/18/17 02:21	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907012</b>	<b>B-20 8-10</b>					
EPA 8270 by SIM	Benzo(b)fluoranthene	177	ug/kg	21.5	07/18/17 02:21	
EPA 8270 by SIM	Benzo(g,h,i)perylene	157	ug/kg	15.4	07/18/17 02:21	
EPA 8270 by SIM	Benzo(k)fluoranthene	231	ug/kg	19.1	07/18/17 02:21	
EPA 8270 by SIM	Chrysene	242	ug/kg	25.5	07/18/17 02:21	
EPA 8270 by SIM	Dibenz(a,h)anthracene	54.1	ug/kg	17.0	07/18/17 02:21	
EPA 8270 by SIM	Fluoranthene	495	ug/kg	39.7	07/18/17 02:21	
EPA 8270 by SIM	Fluorene	28.9J	ug/kg	31.5	07/18/17 02:21	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	142	ug/kg	16.7	07/18/17 02:21	
EPA 8270 by SIM	1-Methylnaphthalene	12.8J	ug/kg	30.6	07/18/17 02:21	
EPA 8270 by SIM	2-Methylnaphthalene	14.5J	ug/kg	38.1	07/18/17 02:21	
EPA 8270 by SIM	Naphthalene	23.3J	ug/kg	64.1	07/18/17 02:21	
EPA 8270 by SIM	Phenanthrene	349	ug/kg	88.5	07/18/17 02:21	
EPA 8270 by SIM	Pyrene	457	ug/kg	34.2	07/18/17 02:21	
ASTM D2974-87	Percent Moisture	12.2	%	0.10	07/13/17 16:26	
<b>40152907013</b>	<b>B-21 2-4</b>					
EPA 6010	Arsenic	5.8	mg/kg	5.1	07/12/17 11:54	
EPA 6010	Lead	82.7	mg/kg	1.3	07/12/17 11:54	
EPA 8270 by SIM	Acenaphthene	11.7J	ug/kg	14.3	07/18/17 05:32	
EPA 8270 by SIM	Acenaphthylene	6.3J	ug/kg	12.2	07/18/17 05:32	
EPA 8270 by SIM	Anthracene	29.0	ug/kg	21.0	07/18/17 05:32	
EPA 8270 by SIM	Benzo(a)anthracene	192	ug/kg	11.7	07/18/17 05:32	
EPA 8270 by SIM	Benzo(a)pyrene	328	ug/kg	9.3	07/18/17 05:32	
EPA 8270 by SIM	Benzo(b)fluoranthene	358	ug/kg	10.4	07/18/17 05:32	
EPA 8270 by SIM	Benzo(g,h,i)perylene	269	ug/kg	7.5	07/18/17 05:32	
EPA 8270 by SIM	Benzo(k)fluoranthene	319	ug/kg	9.3	07/18/17 05:32	
EPA 8270 by SIM	Chrysene	282	ug/kg	12.4	07/18/17 05:32	
EPA 8270 by SIM	Dibenz(a,h)anthracene	94.5	ug/kg	8.2	07/18/17 05:32	
EPA 8270 by SIM	Fluoranthene	255	ug/kg	19.3	07/18/17 05:32	
EPA 8270 by SIM	Fluorene	9.4J	ug/kg	15.3	07/18/17 05:32	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	233	ug/kg	8.1	07/18/17 05:32	
EPA 8270 by SIM	1-Methylnaphthalene	26.4	ug/kg	14.8	07/18/17 05:32	
EPA 8270 by SIM	2-Methylnaphthalene	33.8	ug/kg	18.5	07/18/17 05:32	
EPA 8270 by SIM	Naphthalene	25.1J	ug/kg	31.1	07/18/17 05:32	
EPA 8270 by SIM	Phenanthrene	116	ug/kg	43.0	07/18/17 05:32	
EPA 8270 by SIM	Pyrene	255	ug/kg	16.6	07/18/17 05:32	
ASTM D2974-87	Percent Moisture	9.6	%	0.10	07/12/17 09:46	
<b>40152907014</b>	<b>B-21 6-8</b>					
EPA 6010	Arsenic	3.2J	mg/kg	6.2	07/12/17 12:15	
EPA 6010	Lead	8.3	mg/kg	1.6	07/12/17 12:15	
EPA 8270 by SIM	Benzo(a)pyrene	5.3J	ug/kg	10.3	07/17/17 15:15	
EPA 8270 by SIM	Benzo(b)fluoranthene	6.0J	ug/kg	11.6	07/17/17 15:15	
EPA 8270 by SIM	Benzo(g,h,i)perylene	6.3J	ug/kg	8.4	07/17/17 15:15	
EPA 8270 by SIM	Benzo(k)fluoranthene	5.1J	ug/kg	10.3	07/17/17 15:15	
EPA 8270 by SIM	Chrysene	5.0J	ug/kg	13.8	07/17/17 15:15	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	4.4J	ug/kg	9.0	07/17/17 15:15	
ASTM D2974-87	Percent Moisture	18.8	%	0.10	07/12/17 09:46	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40152907015</b>	<b>B-21 8-10</b>					
EPA 6010	Arsenic	3.9J	mg/kg	6.0	07/12/17 12:22	
EPA 6010	Lead	9.9	mg/kg	1.5	07/12/17 12:22	
ASTM D2974-87	Percent Moisture	16.3	%	0.10	07/12/17 09:46	
<b>40152907016</b>	<b>B-22 2-4</b>					
EPA 6010	Arsenic	20.4	mg/kg	5.4	07/12/17 12:24	
EPA 6010	Lead	95.8	mg/kg	1.4	07/12/17 12:24	
EPA 8270 by SIM	Acenaphthene	31.2J	ug/kg	71.2	07/18/17 05:49	
EPA 8270 by SIM	Anthracene	171	ug/kg	105	07/18/17 05:49	
EPA 8270 by SIM	Benzo(a)anthracene	469	ug/kg	58.5	07/18/17 05:49	
EPA 8270 by SIM	Benzo(a)pyrene	503	ug/kg	46.2	07/18/17 05:49	
EPA 8270 by SIM	Benzo(b)fluoranthene	408	ug/kg	51.9	07/18/17 05:49	
EPA 8270 by SIM	Benzo(g,h,i)perylene	271	ug/kg	37.4	07/18/17 05:49	
EPA 8270 by SIM	Benzo(k)fluoranthene	370	ug/kg	46.1	07/18/17 05:49	
EPA 8270 by SIM	Chrysene	545	ug/kg	61.8	07/18/17 05:49	
EPA 8270 by SIM	Dibenz(a,h)anthracene	98.3	ug/kg	41.1	07/18/17 05:49	
EPA 8270 by SIM	Fluoranthene	822	ug/kg	96.0	07/18/17 05:49	
EPA 8270 by SIM	Fluorene	31.0J	ug/kg	76.1	07/18/17 05:49	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	242	ug/kg	40.4	07/18/17 05:49	
EPA 8270 by SIM	2-Methylnaphthalene	27.9J	ug/kg	92.2	07/18/17 05:49	
EPA 8270 by SIM	Phenanthrene	634	ug/kg	214	07/18/17 05:49	
EPA 8270 by SIM	Pyrene	1090	ug/kg	82.8	07/18/17 05:49	
ASTM D2974-87	Percent Moisture	9.2	%	0.10	07/12/17 09:46	
<b>40152907017</b>	<b>B-22 6-8</b>					
EPA 6010	Arsenic	4.8J	mg/kg	5.2	07/12/17 12:27	
EPA 6010	Lead	47.0	mg/kg	1.3	07/12/17 12:27	
EPA 8270 by SIM	Acenaphthene	74.0	ug/kg	29.1	07/18/17 06:07	
EPA 8270 by SIM	Acenaphthylene	25.3	ug/kg	24.8	07/18/17 06:07	
EPA 8270 by SIM	Anthracene	187	ug/kg	42.9	07/18/17 06:07	
EPA 8270 by SIM	Benzo(a)anthracene	321	ug/kg	23.9	07/18/17 06:07	
EPA 8270 by SIM	Benzo(a)pyrene	337	ug/kg	18.9	07/18/17 06:07	
EPA 8270 by SIM	Benzo(b)fluoranthene	302	ug/kg	21.2	07/18/17 06:07	
EPA 8270 by SIM	Benzo(g,h,i)perylene	174	ug/kg	15.3	07/18/17 06:07	
EPA 8270 by SIM	Benzo(k)fluoranthene	266	ug/kg	18.9	07/18/17 06:07	
EPA 8270 by SIM	Chrysene	368	ug/kg	25.3	07/18/17 06:07	
EPA 8270 by SIM	Dibenz(a,h)anthracene	67.9	ug/kg	16.8	07/18/17 06:07	
EPA 8270 by SIM	Fluoranthene	707	ug/kg	39.3	07/18/17 06:07	
EPA 8270 by SIM	Fluorene	64.0	ug/kg	31.2	07/18/17 06:07	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	164	ug/kg	16.6	07/18/17 06:07	
EPA 8270 by SIM	1-Methylnaphthalene	45.4	ug/kg	30.3	07/18/17 06:07	
EPA 8270 by SIM	2-Methylnaphthalene	53.3	ug/kg	37.7	07/18/17 06:07	
EPA 8270 by SIM	Naphthalene	48.1J	ug/kg	63.4	07/18/17 06:07	
EPA 8270 by SIM	Phenanthrene	718	ug/kg	87.6	07/18/17 06:07	
EPA 8270 by SIM	Pyrene	735	ug/kg	33.9	07/18/17 06:07	
ASTM D2974-87	Percent Moisture	11.5	%	0.10	07/12/17 09:46	
<b>40152907018</b>	<b>B-23 2-4</b>					
EPA 6010	Arsenic	5.4	mg/kg	5.2	07/12/17 12:29	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907018</b>	<b>B-23 2-4</b>					
EPA 6010	Lead	104	mg/kg	1.3	07/12/17 12:29	
EPA 8270 by SIM	Acenaphthene	109J	ug/kg	112	07/18/17 02:38	
EPA 8270 by SIM	Acenaphthylene	74.9J	ug/kg	95.5	07/18/17 02:38	
EPA 8270 by SIM	Anthracene	304	ug/kg	165	07/18/17 02:38	
EPA 8270 by SIM	Benzo(a)anthracene	671	ug/kg	92.1	07/18/17 02:38	
EPA 8270 by SIM	Benzo(a)pyrene	728	ug/kg	72.7	07/18/17 02:38	
EPA 8270 by SIM	Benzo(b)fluoranthene	691	ug/kg	81.7	07/18/17 02:38	
EPA 8270 by SIM	Benzo(g,h,i)perylene	474	ug/kg	58.8	07/18/17 02:38	
EPA 8270 by SIM	Benzo(k)fluoranthene	613	ug/kg	72.6	07/18/17 02:38	
EPA 8270 by SIM	Chrysene	773	ug/kg	97.3	07/18/17 02:38	
EPA 8270 by SIM	Dibenz(a,h)anthracene	170	ug/kg	64.7	07/18/17 02:38	
EPA 8270 by SIM	Fluoranthene	1440	ug/kg	151	07/18/17 02:38	
EPA 8270 by SIM	Fluorene	119J	ug/kg	120	07/18/17 02:38	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	433	ug/kg	63.7	07/18/17 02:38	
EPA 8270 by SIM	1-Methylnaphthalene	65.8J	ug/kg	116	07/18/17 02:38	
EPA 8270 by SIM	2-Methylnaphthalene	74.4J	ug/kg	145	07/18/17 02:38	
EPA 8270 by SIM	Naphthalene	117J	ug/kg	244	07/18/17 02:38	
EPA 8270 by SIM	Phenanthrene	1130	ug/kg	337	07/18/17 02:38	
EPA 8270 by SIM	Pyrene	1330	ug/kg	130	07/18/17 02:38	
EPA 8260	Trichloroethene	51.7J	ug/kg	65.3	07/11/17 22:19	
ASTM D2974-87	Percent Moisture	8.1	%	0.10	07/12/17 09:46	
<b>40152907019</b>	<b>B-23 6-8</b>					
EPA 6010	Arsenic	1.2J	mg/kg	4.8	07/12/17 12:36	
EPA 6010	Lead	2.8	mg/kg	1.2	07/12/17 12:36	
EPA 8270 by SIM	Benzo(a)anthracene	5.4J	ug/kg	11.3	07/17/17 17:23	
EPA 8270 by SIM	Benzo(a)pyrene	4.2J	ug/kg	8.9	07/17/17 17:23	
EPA 8270 by SIM	Benzo(b)fluoranthene	3.6J	ug/kg	10.0	07/17/17 17:23	
EPA 8270 by SIM	Benzo(g,h,i)perylene	2.3J	ug/kg	7.2	07/17/17 17:23	
EPA 8270 by SIM	Benzo(k)fluoranthene	3.7J	ug/kg	8.9	07/17/17 17:23	
EPA 8270 by SIM	Chrysene	6.0J	ug/kg	11.9	07/17/17 17:23	
EPA 8270 by SIM	Fluoranthene	7.7J	ug/kg	18.5	07/17/17 17:23	
EPA 8270 by SIM	Pyrene	6.4J	ug/kg	15.9	07/17/17 17:23	
ASTM D2974-87	Percent Moisture	6.1	%	0.10	07/12/17 09:46	
<b>40152907020</b>	<b>B-23 12-14</b>					
EPA 6010	Arsenic	2.7J	mg/kg	5.8	07/12/17 12:39	
EPA 6010	Lead	4.7	mg/kg	1.5	07/12/17 12:39	
ASTM D2974-87	Percent Moisture	18.2	%	0.10	07/12/17 09:46	
<b>40152907021</b>	<b>B-24 2-4</b>					
EPA 6010	Arsenic	4.1J	mg/kg	5.2	07/12/17 12:41	
EPA 6010	Lead	30.1	mg/kg	1.4	07/12/17 12:41	
EPA 8270 by SIM	Acenaphthylene	5.0J	ug/kg	11.8	07/18/17 06:24	
EPA 8270 by SIM	Anthracene	11.5J	ug/kg	20.4	07/18/17 06:24	
EPA 8270 by SIM	Benzo(a)anthracene	30.6	ug/kg	11.4	07/18/17 06:24	
EPA 8270 by SIM	Benzo(a)pyrene	31.1	ug/kg	9.0	07/18/17 06:24	
EPA 8270 by SIM	Benzo(b)fluoranthene	25.6	ug/kg	10.1	07/18/17 06:24	
EPA 8270 by SIM	Benzo(g,h,i)perylene	17.8	ug/kg	7.3	07/18/17 06:24	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907021</b>	<b>B-24 2-4</b>					
EPA 8270 by SIM	Benzo(k)fluoranthene	29.7	ug/kg	9.0	07/18/17 06:24	
EPA 8270 by SIM	Chrysene	35.7	ug/kg	12.0	07/18/17 06:24	
EPA 8270 by SIM	Dibenz(a,h)anthracene	6.8J	ug/kg	8.0	07/18/17 06:24	
EPA 8270 by SIM	Fluoranthene	49.0	ug/kg	18.7	07/18/17 06:24	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	16.1	ug/kg	7.9	07/18/17 06:24	
EPA 8270 by SIM	1-Methylnaphthalene	5.8J	ug/kg	14.4	07/18/17 06:24	
EPA 8270 by SIM	2-Methylnaphthalene	7.7J	ug/kg	17.9	07/18/17 06:24	
EPA 8270 by SIM	Phenanthrene	34.7J	ug/kg	41.6	07/18/17 06:24	
EPA 8270 by SIM	Pyrene	50.7	ug/kg	16.1	07/18/17 06:24	
ASTM D2974-87	Percent Moisture	6.9	%	0.10	07/12/17 09:46	
<b>40152907022</b>	<b>B-24 4-6</b>					
EPA 6010	Arsenic	5.7J	mg/kg	5.8	07/12/17 12:43	
EPA 6010	Lead	55.3	mg/kg	1.5	07/12/17 12:43	
EPA 8270 by SIM	Acenaphthene	73.8	ug/kg	30.0	07/18/17 06:42	
EPA 8270 by SIM	Acenaphthylene	10J	ug/kg	25.6	07/18/17 06:42	
EPA 8270 by SIM	Anthracene	154	ug/kg	44.1	07/18/17 06:42	
EPA 8270 by SIM	Benzo(a)anthracene	220	ug/kg	24.6	07/18/17 06:42	
EPA 8270 by SIM	Benzo(a)pyrene	192	ug/kg	19.4	07/18/17 06:42	
EPA 8270 by SIM	Benzo(b)fluoranthene	143	ug/kg	21.9	07/18/17 06:42	
EPA 8270 by SIM	Benzo(g,h,i)perylene	88.0	ug/kg	15.7	07/18/17 06:42	
EPA 8270 by SIM	Benzo(k)fluoranthene	205	ug/kg	19.4	07/18/17 06:42	
EPA 8270 by SIM	Chrysene	237	ug/kg	26.0	07/18/17 06:42	
EPA 8270 by SIM	Dibenz(a,h)anthracene	38.2	ug/kg	17.3	07/18/17 06:42	
EPA 8270 by SIM	Fluoranthene	540	ug/kg	40.4	07/18/17 06:42	
EPA 8270 by SIM	Fluorene	87.3	ug/kg	32.1	07/18/17 06:42	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	90.4	ug/kg	17.0	07/18/17 06:42	
EPA 8270 by SIM	1-Methylnaphthalene	36.5	ug/kg	31.1	07/18/17 06:42	
EPA 8270 by SIM	2-Methylnaphthalene	48.7	ug/kg	38.8	07/18/17 06:42	
EPA 8270 by SIM	Naphthalene	80.5	ug/kg	65.3	07/18/17 06:42	
EPA 8270 by SIM	Phenanthrene	533	ug/kg	90.1	07/18/17 06:42	
EPA 8270 by SIM	Pyrene	473	ug/kg	34.8	07/18/17 06:42	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	07/12/17 09:46	
<b>40152907023</b>	<b>B-24 8-10</b>					
EPA 6010	Arsenic	5.0J	mg/kg	6.0	07/12/17 12:46	
EPA 6010	Lead	8.7	mg/kg	1.6	07/12/17 12:46	
ASTM D2974-87	Percent Moisture	18.5	%	0.10	07/12/17 09:46	
<b>40152907024</b>	<b>B-25 6-8</b>					
EPA 6010	Arsenic	16.1	mg/kg	5.2	07/12/17 12:48	
EPA 6010	Lead	496	mg/kg	1.3	07/12/17 12:48	
EPA 8270 by SIM	Acenaphthene	46.6J	ug/kg	113	07/20/17 14:36	
EPA 8270 by SIM	Acenaphthylene	42.7J	ug/kg	96.8	07/20/17 14:36	
EPA 8270 by SIM	Anthracene	188	ug/kg	167	07/20/17 14:36	
EPA 8270 by SIM	Benzo(a)anthracene	534	ug/kg	93.2	07/20/17 14:36	
EPA 8270 by SIM	Benzo(a)pyrene	537	ug/kg	73.6	07/20/17 14:36	
EPA 8270 by SIM	Benzo(b)fluoranthene	417	ug/kg	82.8	07/20/17 14:36	
EPA 8270 by SIM	Benzo(g,h,i)perylene	394	ug/kg	59.6	07/20/17 14:36	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907024</b>	<b>B-25 6-8</b>					
EPA 8270 by SIM	Benzo(k)fluoranthene	502	ug/kg	73.5	07/20/17 14:36	
EPA 8270 by SIM	Chrysene	578	ug/kg	98.5	07/20/17 14:36	
EPA 8270 by SIM	Dibenz(a,h)anthracene	138	ug/kg	65.5	07/20/17 14:36	
EPA 8270 by SIM	Fluoranthene	1080	ug/kg	153	07/20/17 14:36	
EPA 8270 by SIM	Fluorene	51.5J	ug/kg	121	07/20/17 14:36	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	335	ug/kg	64.5	07/20/17 14:36	
EPA 8270 by SIM	Phenanthrene	626	ug/kg	341	07/20/17 14:36	
EPA 8270 by SIM	Pyrene	953	ug/kg	132	07/20/17 14:36	
EPA 8260	Benzene	77.6	ug/kg	65.9	07/11/17 15:41	
EPA 8260	Naphthalene	92.2J	ug/kg	274	07/11/17 15:41	
EPA 8260	Toluene	44.2J	ug/kg	65.9	07/11/17 15:41	
EPA 8260	1,2,4-Trimethylbenzene	37.5J	ug/kg	65.9	07/11/17 15:41	
EPA 8260	Xylene (Total)	94.7J	ug/kg	198	07/11/17 15:41	
ASTM D2974-87	Percent Moisture	8.9	%	0.10	07/12/17 09:46	
<b>40152907025</b>	<b>B-25 10-12</b>					
EPA 6010	Arsenic	9.7	mg/kg	5.8	07/12/17 12:51	
EPA 6010	Lead	216	mg/kg	1.5	07/12/17 12:51	
EPA 8270 by SIM	Acenaphthene	40.0	ug/kg	33.4	07/18/17 07:16	
EPA 8270 by SIM	Acenaphthylene	41.0	ug/kg	28.5	07/18/17 07:16	
EPA 8270 by SIM	Anthracene	159	ug/kg	49.2	07/18/17 07:16	
EPA 8270 by SIM	Benzo(a)anthracene	283	ug/kg	27.5	07/18/17 07:16	
EPA 8270 by SIM	Benzo(a)pyrene	277	ug/kg	21.7	07/18/17 07:16	
EPA 8270 by SIM	Benzo(b)fluoranthene	233	ug/kg	24.4	07/18/17 07:16	
EPA 8270 by SIM	Benzo(g,h,i)perylene	132	ug/kg	17.5	07/18/17 07:16	
EPA 8270 by SIM	Benzo(k)fluoranthene	246	ug/kg	21.7	07/18/17 07:16	
EPA 8270 by SIM	Chrysene	308	ug/kg	29.0	07/18/17 07:16	
EPA 8270 by SIM	Dibenz(a,h)anthracene	57.4	ug/kg	19.3	07/18/17 07:16	
EPA 8270 by SIM	Fluoranthene	551	ug/kg	45.1	07/18/17 07:16	
EPA 8270 by SIM	Fluorene	48.4	ug/kg	35.7	07/18/17 07:16	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	130	ug/kg	19.0	07/18/17 07:16	
EPA 8270 by SIM	1-Methylnaphthalene	36.5	ug/kg	34.7	07/18/17 07:16	
EPA 8270 by SIM	2-Methylnaphthalene	48.8	ug/kg	43.2	07/18/17 07:16	
EPA 8270 by SIM	Naphthalene	62.3J	ug/kg	72.8	07/18/17 07:16	
EPA 8270 by SIM	Phenanthrene	535	ug/kg	100	07/18/17 07:16	
EPA 8270 by SIM	Pyrene	491	ug/kg	38.8	07/18/17 07:16	
EPA 8260	n-Butylbenzene	56.0J	ug/kg	77.8	07/11/17 16:04	
EPA 8260	sec-Butylbenzene	34.2J	ug/kg	77.8	07/11/17 16:04	
EPA 8260	p-Isopropyltoluene	48.2J	ug/kg	77.8	07/11/17 16:04	
EPA 8260	Naphthalene	73.8J	ug/kg	324	07/11/17 16:04	
ASTM D2974-87	Percent Moisture	22.9	%	0.10	07/12/17 09:46	
<b>40152907026</b>	<b>B-25 16-18</b>					
EPA 6010	Arsenic	6.7	mg/kg	6.6	07/12/17 14:44	
EPA 6010	Lead	141	mg/kg	1.7	07/12/17 14:44	
EPA 8270 by SIM	Acenaphthene	498	ug/kg	357	07/17/17 17:05	
EPA 8270 by SIM	Acenaphthylene	140J	ug/kg	305	07/17/17 17:05	
EPA 8270 by SIM	Anthracene	1110	ug/kg	527	07/17/17 17:05	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907026</b>	<b>B-25 16-18</b>					
EPA 8270 by SIM	Benzo(a)anthracene	1670	ug/kg	294	07/17/17 17:05	
EPA 8270 by SIM	Benzo(a)pyrene	1820	ug/kg	232	07/17/17 17:05	
EPA 8270 by SIM	Benzo(b)fluoranthene	1350	ug/kg	261	07/17/17 17:05	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1340	ug/kg	188	07/17/17 17:05	
EPA 8270 by SIM	Benzo(k)fluoranthene	1630	ug/kg	232	07/17/17 17:05	
EPA 8270 by SIM	Chrysene	1810	ug/kg	310	07/17/17 17:05	
EPA 8270 by SIM	Dibenz(a,h)anthracene	497	ug/kg	206	07/17/17 17:05	
EPA 8270 by SIM	Fluoranthene	3760	ug/kg	482	07/17/17 17:05	
EPA 8270 by SIM	Fluorene	508	ug/kg	382	07/17/17 17:05	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	1180	ug/kg	203	07/17/17 17:05	
EPA 8270 by SIM	1-Methylnaphthalene	280J	ug/kg	371	07/17/17 17:05	
EPA 8270 by SIM	2-Methylnaphthalene	270J	ug/kg	463	07/17/17 17:05	
EPA 8270 by SIM	Naphthalene	568J	ug/kg	779	07/17/17 17:05	
EPA 8270 by SIM	Phenanthrene	3640	ug/kg	1080	07/17/17 17:05	
EPA 8270 by SIM	Pyrene	3170	ug/kg	416	07/17/17 17:05	
EPA 8260	Naphthalene	172J	ug/kg	347	07/11/17 16:26	
EPA 8260	Toluene	123	ug/kg	83.2	07/11/17 16:26	
ASTM D2974-87	Percent Moisture	27.9	%	0.10	07/12/17 09:47	
<b>40152907027</b>	<b>B-25 18-20</b>					
EPA 6010	Arsenic	1.9J	mg/kg	5.8	07/12/17 12:55	
EPA 6010	Lead	5.2	mg/kg	1.5	07/12/17 12:55	
EPA 8270 by SIM	Acenaphthene	35.1	ug/kg	14.9	07/18/17 13:12	
EPA 8270 by SIM	Anthracene	16.0J	ug/kg	21.9	07/18/17 13:12	
EPA 8270 by SIM	Benzo(a)anthracene	18.8	ug/kg	12.2	07/18/17 13:12	
EPA 8270 by SIM	Benzo(a)pyrene	18.2	ug/kg	9.7	07/18/17 13:12	
EPA 8270 by SIM	Benzo(b)fluoranthene	13.0	ug/kg	10.9	07/18/17 13:12	
EPA 8270 by SIM	Benzo(g,h,i)perylene	12.2	ug/kg	7.8	07/18/17 13:12	
EPA 8270 by SIM	Benzo(k)fluoranthene	14.9	ug/kg	9.7	07/18/17 13:12	
EPA 8270 by SIM	Chrysene	19.7	ug/kg	12.9	07/18/17 13:12	
EPA 8270 by SIM	Dibenz(a,h)anthracene	3.6J	ug/kg	8.6	07/18/17 13:12	L1
EPA 8270 by SIM	Fluoranthene	45.7	ug/kg	20.1	07/18/17 13:12	
EPA 8270 by SIM	Fluorene	7.5J	ug/kg	15.9	07/18/17 13:12	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	10.3	ug/kg	8.5	07/18/17 13:12	
EPA 8270 by SIM	Phenanthrene	46.5	ug/kg	44.8	07/18/17 13:12	
EPA 8270 by SIM	Pyrene	40.7	ug/kg	17.3	07/18/17 13:12	
ASTM D2974-87	Percent Moisture	13.4	%	0.10	07/12/17 09:47	
<b>40152907028</b>	<b>B-26 2-4</b>					
EPA 6010	Arsenic	6.8	mg/kg	5.7	07/12/17 12:58	
EPA 6010	Lead	66.2	mg/kg	1.5	07/12/17 12:58	
EPA 8270 by SIM	Acenaphthene	42.7J	ug/kg	77.2	07/19/17 12:11	
EPA 8270 by SIM	Acenaphthylene	27.6J	ug/kg	65.8	07/19/17 12:11	
EPA 8270 by SIM	Anthracene	142	ug/kg	114	07/19/17 12:11	
EPA 8270 by SIM	Benzo(a)anthracene	418	ug/kg	63.4	07/19/17 12:11	
EPA 8270 by SIM	Benzo(a)pyrene	413	ug/kg	50.1	07/19/17 12:11	
EPA 8270 by SIM	Benzo(b)fluoranthene	310	ug/kg	56.3	07/19/17 12:11	
EPA 8270 by SIM	Benzo(g,h,i)perylene	275	ug/kg	40.5	07/19/17 12:11	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907028</b>	<b>B-26 2-4</b>					
EPA 8270 by SIM	Benzo(k)fluoranthene	423	ug/kg	50.0	07/19/17 12:11	
EPA 8270 by SIM	Chrysene	467	ug/kg	67.0	07/19/17 12:11	
EPA 8270 by SIM	Dibenz(a,h)anthracene	102	ug/kg	44.6	07/19/17 12:11	L1
EPA 8270 by SIM	Fluoranthene	894	ug/kg	104	07/19/17 12:11	
EPA 8270 by SIM	Fluorene	40.1J	ug/kg	82.5	07/19/17 12:11	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	252	ug/kg	43.8	07/19/17 12:11	
EPA 8270 by SIM	1-Methylnaphthalene	205	ug/kg	80.1	07/19/17 12:11	
EPA 8270 by SIM	2-Methylnaphthalene	290	ug/kg	99.9	07/19/17 12:11	
EPA 8270 by SIM	Naphthalene	187	ug/kg	168	07/19/17 12:11	
EPA 8270 by SIM	Phenanthrene	632	ug/kg	232	07/19/17 12:11	
EPA 8270 by SIM	Pyrene	769	ug/kg	89.7	07/19/17 12:11	
EPA 8260	Naphthalene	78.4J	ug/kg	299	07/11/17 20:42	
ASTM D2974-87	Percent Moisture	16.3	%	0.10	07/12/17 09:47	
<b>40152907029</b>	<b>B-26 6-8</b>					
EPA 6010	Arsenic	5.8J	mg/kg	5.8	07/12/17 13:05	
EPA 6010	Lead	45.6	mg/kg	1.5	07/12/17 13:05	
EPA 8270 by SIM	Acenaphthene	117J	ug/kg	307	07/19/17 13:03	
EPA 8270 by SIM	Acenaphthylene	303	ug/kg	262	07/19/17 13:03	
EPA 8270 by SIM	Anthracene	441J	ug/kg	453	07/19/17 13:03	
EPA 8270 by SIM	Benzo(a)anthracene	1290	ug/kg	253	07/19/17 13:03	
EPA 8270 by SIM	Benzo(a)pyrene	1840	ug/kg	199	07/19/17 13:03	
EPA 8270 by SIM	Benzo(b)fluoranthene	1450	ug/kg	224	07/19/17 13:03	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1320	ug/kg	161	07/19/17 13:03	
EPA 8270 by SIM	Benzo(k)fluoranthene	1760	ug/kg	199	07/19/17 13:03	
EPA 8270 by SIM	Chrysene	2000	ug/kg	267	07/19/17 13:03	
EPA 8270 by SIM	Dibenz(a,h)anthracene	398	ug/kg	178	07/19/17 13:03	L1
EPA 8270 by SIM	Fluoranthene	4480	ug/kg	415	07/19/17 13:03	
EPA 8270 by SIM	Fluorene	186J	ug/kg	329	07/19/17 13:03	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	1200	ug/kg	175	07/19/17 13:03	
EPA 8270 by SIM	1-Methylnaphthalene	209J	ug/kg	319	07/19/17 13:03	
EPA 8270 by SIM	2-Methylnaphthalene	265J	ug/kg	398	07/19/17 13:03	
EPA 8270 by SIM	Naphthalene	333J	ug/kg	670	07/19/17 13:03	
EPA 8270 by SIM	Phenanthrene	3650	ug/kg	925	07/19/17 13:03	
EPA 8270 by SIM	Pyrene	3510	ug/kg	357	07/19/17 13:03	
ASTM D2974-87	Percent Moisture	16.2	%	0.10	07/12/17 09:47	
<b>40152907030</b>	<b>B-26 10-12</b>					
EPA 6010	Arsenic	6.2	mg/kg	5.8	07/12/17 13:07	
EPA 6010	Lead	11.3	mg/kg	1.5	07/12/17 13:07	
EPA 8270 by SIM	Benzo(a)anthracene	6.6J	ug/kg	13.9	07/18/17 12:37	
EPA 8270 by SIM	Benzo(a)pyrene	6.3J	ug/kg	11.0	07/18/17 12:37	
EPA 8270 by SIM	Benzo(b)fluoranthene	5.8J	ug/kg	12.4	07/18/17 12:37	
EPA 8270 by SIM	Benzo(g,h,i)perylene	4.5J	ug/kg	8.9	07/18/17 12:37	
EPA 8270 by SIM	Benzo(k)fluoranthene	5.6J	ug/kg	11.0	07/18/17 12:37	
EPA 8270 by SIM	Chrysene	7.5J	ug/kg	14.7	07/18/17 12:37	
EPA 8270 by SIM	Fluoranthene	14.1J	ug/kg	22.9	07/18/17 12:37	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	3.8J	ug/kg	9.6	07/18/17 12:37	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152907030</b>	<b>B-26 10-12</b>					
EPA 8270 by SIM	Phenanthrene	15.5J	ug/kg	51.1	07/18/17 12:37	
EPA 8270 by SIM	Pyrene	11.5J	ug/kg	19.7	07/18/17 12:37	
ASTM D2974-87	Percent Moisture	24.2	%	0.10	07/12/17 09:47	
<b>40152907031</b>	<b>B-26 14-16</b>					
EPA 6010	Arsenic	6.6	mg/kg	6.5	07/12/17 13:10	
EPA 6010	Lead	121	mg/kg	1.7	07/12/17 13:10	
EPA 8270 by SIM	Acenaphthene	280J	ug/kg	358	07/19/17 13:20	
EPA 8270 by SIM	Acenaphthylene	172J	ug/kg	306	07/19/17 13:20	
EPA 8270 by SIM	Anthracene	1980	ug/kg	528	07/19/17 13:20	
EPA 8270 by SIM	Benzo(a)anthracene	1870	ug/kg	294	07/19/17 13:20	
EPA 8270 by SIM	Benzo(a)pyrene	1430	ug/kg	232	07/19/17 13:20	
EPA 8270 by SIM	Benzo(b)fluoranthene	1280	ug/kg	261	07/19/17 13:20	
EPA 8270 by SIM	Benzo(g,h,i)perylene	890	ug/kg	188	07/19/17 13:20	
EPA 8270 by SIM	Benzo(k)fluoranthene	1460	ug/kg	232	07/19/17 13:20	
EPA 8270 by SIM	Chrysene	1850	ug/kg	311	07/19/17 13:20	
EPA 8270 by SIM	Dibenz(a,h)anthracene	323	ug/kg	207	07/19/17 13:20	L1
EPA 8270 by SIM	Fluoranthene	5340	ug/kg	483	07/19/17 13:20	
EPA 8270 by SIM	Fluorene	1210	ug/kg	383	07/19/17 13:20	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	901	ug/kg	204	07/19/17 13:20	
EPA 8270 by SIM	1-Methylnaphthalene	349J	ug/kg	372	07/19/17 13:20	
EPA 8270 by SIM	2-Methylnaphthalene	164J	ug/kg	464	07/19/17 13:20	
EPA 8270 by SIM	Naphthalene	362J	ug/kg	781	07/19/17 13:20	
EPA 8270 by SIM	Phenanthrene	6460	ug/kg	1080	07/19/17 13:20	
EPA 8270 by SIM	Pyrene	3790	ug/kg	417	07/19/17 13:20	
EPA 8260	Benzene	50.7J	ug/kg	83.3	07/11/17 16:49	
EPA 8260	Ethylbenzene	62.9J	ug/kg	83.3	07/11/17 16:49	
EPA 8260	p-Isopropyltoluene	37.8J	ug/kg	83.3	07/11/17 16:49	
EPA 8260	Naphthalene	1350	ug/kg	347	07/11/17 16:49	
EPA 8260	Toluene	149	ug/kg	83.3	07/11/17 16:49	
EPA 8260	1,2,4-Trimethylbenzene	76.8J	ug/kg	83.3	07/11/17 16:49	
EPA 8260	Xylene (Total)	168J	ug/kg	250	07/11/17 16:49	
ASTM D2974-87	Percent Moisture	28.0	%	0.10	07/12/17 09:47	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-17 2-4**      **Lab ID: 40152907001**      Collected: 07/03/17 11:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	7.0	mg/kg	5.1	1.1	1	07/11/17 09:02	07/12/17 11:20	7440-38-2	
Lead	46.8	mg/kg	1.3	0.44	1	07/11/17 09:02	07/12/17 11:20	7439-92-1	
Selenium	<1.1	mg/kg	5.1	1.1	1	07/11/17 09:02	07/12/17 11:20	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	124	ug/kg	70.6	21.2	5	07/13/17 10:12	07/18/17 01:28	83-32-9	
Acenaphthylene	22.5J	ug/kg	60.2	18.0	5	07/13/17 10:12	07/18/17 01:28	208-96-8	
Anthracene	261	ug/kg	104	31.2	5	07/13/17 10:12	07/18/17 01:28	120-12-7	
Benzo(a)anthracene	450	ug/kg	58.0	17.3	5	07/13/17 10:12	07/18/17 01:28	56-55-3	
Benzo(a)pyrene	481	ug/kg	45.8	13.7	5	07/13/17 10:12	07/18/17 01:28	50-32-8	
Benzo(b)fluoranthene	358	ug/kg	51.5	15.4	5	07/13/17 10:12	07/18/17 01:28	205-99-2	
Benzo(g,h,i)perylene	348	ug/kg	37.0	11.1	5	07/13/17 10:12	07/18/17 01:28	191-24-2	
Benzo(k)fluoranthene	467	ug/kg	45.7	13.7	5	07/13/17 10:12	07/18/17 01:28	207-08-9	
Chrysene	496	ug/kg	61.3	18.4	5	07/13/17 10:12	07/18/17 01:28	218-01-9	
Dibenz(a,h)anthracene	111	ug/kg	40.8	12.2	5	07/13/17 10:12	07/18/17 01:28	53-70-3	
Fluoranthene	1060	ug/kg	95.2	28.5	5	07/13/17 10:12	07/18/17 01:28	206-44-0	
Fluorene	170	ug/kg	75.5	22.6	5	07/13/17 10:12	07/18/17 01:28	86-73-7	
Indeno(1,2,3-cd)pyrene	306	ug/kg	40.1	12.0	5	07/13/17 10:12	07/18/17 01:28	193-39-5	
1-Methylnaphthalene	159	ug/kg	73.3	22.0	5	07/13/17 10:12	07/18/17 01:28	90-12-0	
2-Methylnaphthalene	250	ug/kg	91.3	27.4	5	07/13/17 10:12	07/18/17 01:28	91-57-6	
Naphthalene	647	ug/kg	154	46.1	5	07/13/17 10:12	07/18/17 01:28	91-20-3	
Phenanthrene	898	ug/kg	212	63.7	5	07/13/17 10:12	07/18/17 01:28	85-01-8	
Pyrene	951	ug/kg	82.0	24.7	5	07/13/17 10:12	07/18/17 01:28	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	57	%	19-96		5	07/13/17 10:12	07/18/17 01:28	321-60-8	
Terphenyl-d14 (S)	64	%	31-98		5	07/13/17 10:12	07/18/17 01:28	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	1240	ug/kg	65.6	27.3	1	07/11/17 08:00	07/11/17 13:03	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 13:03	74-83-9	W
n-Butylbenzene	29.9J	ug/kg	65.6	27.3	1	07/11/17 08:00	07/11/17 13:03	104-51-8	
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 13:03	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 13:03	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 13:03	96-12-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-17 2-4 Lab ID: 40152907001 Collected: 07/03/17 11:40 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	108-20-3	W
Ethylbenzene	63.3J	ug/kg	65.6	27.3	1	07/11/17 08:00	07/11/17 13:03	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	1634-04-4	W
Naphthalene	109J	ug/kg	273	43.8	1	07/11/17 08:00	07/11/17 13:03	91-20-3	
n-Propylbenzene	62.1J	ug/kg	65.6	27.3	1	07/11/17 08:00	07/11/17 13:03	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	127-18-4	W
Toluene	73.3	ug/kg	65.6	27.3	1	07/11/17 08:00	07/11/17 13:03	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 13:03	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	96-18-4	W
1,2,4-Trimethylbenzene	133	ug/kg	65.6	27.3	1	07/11/17 08:00	07/11/17 13:03	95-63-6	
1,3,5-Trimethylbenzene	50.6J	ug/kg	65.6	27.3	1	07/11/17 08:00	07/11/17 13:03	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:03	75-01-4	W
Xylene (Total)	195J	ug/kg	197	82.0	1	07/11/17 08:00	07/11/17 13:03	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	119	%	68-130		1	07/11/17 08:00	07/11/17 13:03	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-17 2-4**      **Lab ID: 40152907001**      Collected: 07/03/17 11:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	126	%	68-149		1	07/11/17 08:00	07/11/17 13:03	2037-26-5	
4-Bromofluorobenzene (S)	109	%	58-141		1	07/11/17 08:00	07/11/17 13:03	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>8.5</b>	%	0.10	0.10	1		07/13/17 16:25		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-17 4-6**      **Lab ID: 40152907002**      Collected: 07/03/17 11:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>4.9J</b>	mg/kg	5.4	1.1	1	07/11/17 09:02	07/12/17 11:22	7440-38-2	
Lead	<b>44.4</b>	mg/kg	1.4	0.47	1	07/11/17 09:02	07/12/17 11:22	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.4	1.2	1	07/11/17 09:02	07/12/17 11:22	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>15.3</b>	ug/kg	14.1	4.2	1	07/13/17 10:12	07/18/17 01:46	83-32-9	
Acenaphthylene	<b>13.1</b>	ug/kg	12.0	3.6	1	07/13/17 10:12	07/18/17 01:46	208-96-8	
Anthracene	<b>49.0</b>	ug/kg	20.8	6.2	1	07/13/17 10:12	07/18/17 01:46	120-12-7	
Benzo(a)anthracene	<b>167</b>	ug/kg	11.6	3.5	1	07/13/17 10:12	07/18/17 01:46	56-55-3	
Benzo(a)pyrene	<b>234</b>	ug/kg	9.2	2.7	1	07/13/17 10:12	07/18/17 01:46	50-32-8	
Benzo(b)fluoranthene	<b>244</b>	ug/kg	10.3	3.1	1	07/13/17 10:12	07/18/17 01:46	205-99-2	
Benzo(g,h,i)perylene	<b>221</b>	ug/kg	7.4	2.2	1	07/13/17 10:12	07/18/17 01:46	191-24-2	
Benzo(k)fluoranthene	<b>223</b>	ug/kg	9.1	2.7	1	07/13/17 10:12	07/18/17 01:46	207-08-9	
Chrysene	<b>232</b>	ug/kg	12.2	3.7	1	07/13/17 10:12	07/18/17 01:46	218-01-9	
Dibenz(a,h)anthracene	<b>69.2</b>	ug/kg	8.1	2.4	1	07/13/17 10:12	07/18/17 01:46	53-70-3	
Fluoranthene	<b>292</b>	ug/kg	19.0	5.7	1	07/13/17 10:12	07/18/17 01:46	206-44-0	
Fluorene	<b>15.4</b>	ug/kg	15.1	4.5	1	07/13/17 10:12	07/18/17 01:46	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>181</b>	ug/kg	8.0	2.4	1	07/13/17 10:12	07/18/17 01:46	193-39-5	
1-Methylnaphthalene	<b>57.0</b>	ug/kg	14.7	4.4	1	07/13/17 10:12	07/18/17 01:46	90-12-0	
2-Methylnaphthalene	<b>80.8</b>	ug/kg	18.3	5.5	1	07/13/17 10:12	07/18/17 01:46	91-57-6	
Naphthalene	<b>56.5</b>	ug/kg	30.7	9.2	1	07/13/17 10:12	07/18/17 01:46	91-20-3	
Phenanthrene	<b>194</b>	ug/kg	42.4	12.7	1	07/13/17 10:12	07/18/17 01:46	85-01-8	
Pyrene	<b>269</b>	ug/kg	16.4	4.9	1	07/13/17 10:12	07/18/17 01:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	19-96		1	07/13/17 10:12	07/18/17 01:46	321-60-8	
Terphenyl-d14 (S)	64	%	31-98		1	07/13/17 10:12	07/18/17 01:46	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>110</b>	ug/kg	65.5	27.3	1	07/10/17 14:00	07/12/17 01:47	71-43-2	
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 14:00	07/12/17 01:47	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 14:00	07/12/17 01:47	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 14:00	07/12/17 01:47	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 14:00	07/12/17 01:47	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-17 4-6**      **Lab ID: 40152907002**      Collected: 07/03/17 11:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/12/17 01:47	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	127-18-4	W
Toluene	28.1J	ug/kg	65.5	27.3	1	07/10/17 14:00	07/12/17 01:47	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/12/17 01:47	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	96-18-4	W
1,2,4-Trimethylbenzene	44.3J	ug/kg	65.5	27.3	1	07/10/17 14:00	07/12/17 01:47	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:47	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/12/17 01:47	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	125	%	68-130		1	07/10/17 14:00	07/12/17 01:47	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-17 4-6**      **Lab ID: 40152907002**      Collected: 07/03/17 11:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	117	%	68-149		1	07/10/17 14:00	07/12/17 01:47	2037-26-5	
4-Bromofluorobenzene (S)	106	%	58-141		1	07/10/17 14:00	07/12/17 01:47	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>8.4</b>	%	0.10	0.10	1		07/13/17 16:25		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-17 6-8**      **Lab ID: 40152907003**      Collected: 07/03/17 11:50      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>3.9J</b>	mg/kg	5.7	1.2	1	07/11/17 09:02	07/12/17 11:25	7440-38-2	
Lead	<b>6.7</b>	mg/kg	1.5	0.49	1	07/11/17 09:02	07/12/17 11:25	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	5.7	1.3	1	07/11/17 09:02	07/12/17 11:25	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.6</b>	ug/kg	15.4	4.6	1	07/13/17 10:12	07/17/17 14:23	83-32-9	
Acenaphthylene	<b>&lt;3.9</b>	ug/kg	13.2	3.9	1	07/13/17 10:12	07/17/17 14:23	208-96-8	
Anthracene	<b>&lt;6.8</b>	ug/kg	22.7	6.8	1	07/13/17 10:12	07/17/17 14:23	120-12-7	
Benzo(a)anthracene	<b>&lt;3.8</b>	ug/kg	12.7	3.8	1	07/13/17 10:12	07/17/17 14:23	56-55-3	
Benzo(a)pyrene	<b>3.4J</b>	ug/kg	10.0	3.0	1	07/13/17 10:12	07/17/17 14:23	50-32-8	
Benzo(b)fluoranthene	<b>3.5J</b>	ug/kg	11.3	3.4	1	07/13/17 10:12	07/17/17 14:23	205-99-2	
Benzo(g,h,i)perylene	<b>4.0J</b>	ug/kg	8.1	2.4	1	07/13/17 10:12	07/17/17 14:23	191-24-2	
Benzo(k)fluoranthene	<b>3.3J</b>	ug/kg	10	3.0	1	07/13/17 10:12	07/17/17 14:23	207-08-9	
Chrysene	<b>5.6J</b>	ug/kg	13.4	4.0	1	07/13/17 10:12	07/17/17 14:23	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.7</b>	ug/kg	8.9	2.7	1	07/13/17 10:12	07/17/17 14:23	53-70-3	
Fluoranthene	<b>&lt;6.2</b>	ug/kg	20.8	6.2	1	07/13/17 10:12	07/17/17 14:23	206-44-0	
Fluorene	<b>&lt;4.9</b>	ug/kg	16.5	4.9	1	07/13/17 10:12	07/17/17 14:23	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.6</b>	ug/kg	8.8	2.6	1	07/13/17 10:12	07/17/17 14:23	193-39-5	
1-Methylnaphthalene	<b>&lt;4.8</b>	ug/kg	16.0	4.8	1	07/13/17 10:12	07/17/17 14:23	90-12-0	
2-Methylnaphthalene	<b>&lt;6.0</b>	ug/kg	20.0	6.0	1	07/13/17 10:12	07/17/17 14:23	91-57-6	
Naphthalene	<b>&lt;10.1</b>	ug/kg	33.6	10.1	1	07/13/17 10:12	07/17/17 14:23	91-20-3	
Phenanthrene	<b>&lt;13.9</b>	ug/kg	46.4	13.9	1	07/13/17 10:12	07/17/17 14:23	85-01-8	
Pyrene	<b>&lt;5.4</b>	ug/kg	17.9	5.4	1	07/13/17 10:12	07/17/17 14:23	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	19-96		1	07/13/17 10:12	07/17/17 14:23	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		1	07/13/17 10:12	07/17/17 14:23	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 16:44	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 16:44	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 16:44	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 16:44	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-17 6-8**      **Lab ID: 40152907003**      Collected: 07/03/17 11:50      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 16:44	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 16:44	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 16:44	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 16:44	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	07/10/17 14:00	07/11/17 16:44	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-17 6-8**      **Lab ID: 40152907003**      Collected: 07/03/17 11:50      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	68-149		1	07/10/17 14:00	07/11/17 16:44	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	07/10/17 14:00	07/11/17 16:44	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>16.4</b>	%	0.10	0.10	1		07/13/17 16:25		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-18 2-4**      **Lab ID: 40152907004**      Collected: 07/03/17 12:15      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>5.1J</b>	mg/kg	5.4	1.1	1	07/11/17 09:02	07/12/17 11:27	7440-38-2	
Lead	<b>74.0</b>	mg/kg	1.4	0.47	1	07/11/17 09:02	07/12/17 11:27	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.4	1.2	1	07/11/17 09:02	07/12/17 11:27	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>24.3J</b>	ug/kg	28.6	8.6	2	07/13/17 10:12	07/18/17 02:03	83-32-9	
Acenaphthylene	<b>17.0J</b>	ug/kg	24.4	7.3	2	07/13/17 10:12	07/18/17 02:03	208-96-8	
Anthracene	<b>76.1</b>	ug/kg	42.2	12.7	2	07/13/17 10:12	07/18/17 02:03	120-12-7	
Benzo(a)anthracene	<b>265</b>	ug/kg	23.5	7.0	2	07/13/17 10:12	07/18/17 02:03	56-55-3	
Benzo(a)pyrene	<b>371</b>	ug/kg	18.6	5.6	2	07/13/17 10:12	07/18/17 02:03	50-32-8	
Benzo(b)fluoranthene	<b>352</b>	ug/kg	20.9	6.3	2	07/13/17 10:12	07/18/17 02:03	205-99-2	
Benzo(g,h,i)perylene	<b>348</b>	ug/kg	15.0	4.5	2	07/13/17 10:12	07/18/17 02:03	191-24-2	
Benzo(k)fluoranthene	<b>419</b>	ug/kg	18.5	5.6	2	07/13/17 10:12	07/18/17 02:03	207-08-9	
Chrysene	<b>366</b>	ug/kg	24.8	7.5	2	07/13/17 10:12	07/18/17 02:03	218-01-9	
Dibenz(a,h)anthracene	<b>113</b>	ug/kg	16.5	5.0	2	07/13/17 10:12	07/18/17 02:03	53-70-3	
Fluoranthene	<b>487</b>	ug/kg	38.6	11.6	2	07/13/17 10:12	07/18/17 02:03	206-44-0	
Fluorene	<b>24.2J</b>	ug/kg	30.6	9.2	2	07/13/17 10:12	07/18/17 02:03	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>291</b>	ug/kg	16.3	4.9	2	07/13/17 10:12	07/18/17 02:03	193-39-5	
1-Methylnaphthalene	<b>40.0</b>	ug/kg	29.7	8.9	2	07/13/17 10:12	07/18/17 02:03	90-12-0	
2-Methylnaphthalene	<b>49.4</b>	ug/kg	37.1	11.1	2	07/13/17 10:12	07/18/17 02:03	91-57-6	
Naphthalene	<b>49.0J</b>	ug/kg	62.3	18.7	2	07/13/17 10:12	07/18/17 02:03	91-20-3	
Phenanthrene	<b>324</b>	ug/kg	86.1	25.8	2	07/13/17 10:12	07/18/17 02:03	85-01-8	
Pyrene	<b>435</b>	ug/kg	33.3	10.0	2	07/13/17 10:12	07/18/17 02:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	61	%	19-96		2	07/13/17 10:12	07/18/17 02:03	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		2	07/13/17 10:12	07/18/17 02:03	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 14:00	07/12/17 02:10	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 14:00	07/12/17 02:10	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 14:00	07/12/17 02:10	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 14:00	07/12/17 02:10	96-12-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-18 2-4 Lab ID: 40152907004 Collected: 07/03/17 12:15 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/12/17 02:10	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/12/17 02:10	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:10	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/12/17 02:10	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	115	%	68-130		1	07/10/17 14:00	07/12/17 02:10	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-18 2-4**      **Lab ID: 40152907004**      Collected: 07/03/17 12:15      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	108	%	68-149		1	07/10/17 14:00	07/12/17 02:10	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	07/10/17 14:00	07/12/17 02:10	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>10.0</b>	%	0.10	0.10	1		07/13/17 16:25		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-18 4-6**      **Lab ID: 40152907005**      Collected: 07/03/17 12:20      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>5.2J</b>	mg/kg	5.5	1.2	1	07/11/17 09:02	07/12/17 11:30	7440-38-2	
Lead	<b>73.6</b>	mg/kg	1.4	0.48	1	07/11/17 09:02	07/12/17 11:30	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.5	1.2	1	07/11/17 09:02	07/12/17 11:30	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>34.7</b>	ug/kg	28.6	8.6	2	07/13/17 10:12	07/18/17 03:48	83-32-9	
Acenaphthylene	<b>18.9J</b>	ug/kg	24.4	7.3	2	07/13/17 10:12	07/18/17 03:48	208-96-8	
Anthracene	<b>119</b>	ug/kg	42.1	12.7	2	07/13/17 10:12	07/18/17 03:48	120-12-7	
Benzo(a)anthracene	<b>305</b>	ug/kg	23.5	7.0	2	07/13/17 10:12	07/18/17 03:48	56-55-3	
Benzo(a)pyrene	<b>373</b>	ug/kg	18.6	5.6	2	07/13/17 10:12	07/18/17 03:48	50-32-8	
Benzo(b)fluoranthene	<b>416</b>	ug/kg	20.9	6.3	2	07/13/17 10:12	07/18/17 03:48	205-99-2	
Benzo(g,h,i)perylene	<b>315</b>	ug/kg	15.0	4.5	2	07/13/17 10:12	07/18/17 03:48	191-24-2	
Benzo(k)fluoranthene	<b>394</b>	ug/kg	18.5	5.6	2	07/13/17 10:12	07/18/17 03:48	207-08-9	
Chrysene	<b>407</b>	ug/kg	24.8	7.5	2	07/13/17 10:12	07/18/17 03:48	218-01-9	
Dibenz(a,h)anthracene	<b>115</b>	ug/kg	16.5	5.0	2	07/13/17 10:12	07/18/17 03:48	53-70-3	
Fluoranthene	<b>532</b>	ug/kg	38.6	11.5	2	07/13/17 10:12	07/18/17 03:48	206-44-0	
Fluorene	<b>39.9</b>	ug/kg	30.6	9.2	2	07/13/17 10:12	07/18/17 03:48	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>275</b>	ug/kg	16.3	4.9	2	07/13/17 10:12	07/18/17 03:48	193-39-5	
1-Methylnaphthalene	<b>61.0</b>	ug/kg	29.7	8.9	2	07/13/17 10:12	07/18/17 03:48	90-12-0	
2-Methylnaphthalene	<b>75.2</b>	ug/kg	37.0	11.1	2	07/13/17 10:12	07/18/17 03:48	91-57-6	
Naphthalene	<b>68.7</b>	ug/kg	62.3	18.7	2	07/13/17 10:12	07/18/17 03:48	91-20-3	
Phenanthrene	<b>439</b>	ug/kg	86.0	25.8	2	07/13/17 10:12	07/18/17 03:48	85-01-8	
Pyrene	<b>482</b>	ug/kg	33.3	10.0	2	07/13/17 10:12	07/18/17 03:48	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	61	%	19-96		2	07/13/17 10:12	07/18/17 03:48	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		2	07/13/17 10:12	07/18/17 03:48	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 14:00	07/12/17 02:33	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 14:00	07/12/17 02:33	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 14:00	07/12/17 02:33	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 14:00	07/12/17 02:33	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

Sample: B-18 4-6 Lab ID: 40152907005 Collected: 07/03/17 12:20 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/12/17 02:33	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	127-18-4	W
Toluene	40.1J	ug/kg	66.6	27.8	1	07/10/17 14:00	07/12/17 02:33	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/12/17 02:33	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:33	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/12/17 02:33	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	68-130		1	07/10/17 14:00	07/12/17 02:33	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-18 4-6**      **Lab ID: 40152907005**      Collected: 07/03/17 12:20      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	109	%	68-149		1	07/10/17 14:00	07/12/17 02:33	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	07/10/17 14:00	07/12/17 02:33	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>10</b>	%	0.10	0.10	1		07/13/17 16:25		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-18 6-8**      **Lab ID: 40152907006**      Collected: 07/03/17 12:25      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	5.8	mg/kg	5.5	1.2	1	07/11/17 09:02	07/12/17 11:32	7440-38-2	
Lead	105	mg/kg	1.4	0.48	1	07/11/17 09:02	07/12/17 11:32	7439-92-1	
Selenium	<1.2	mg/kg	5.5	1.2	1	07/11/17 09:02	07/12/17 11:32	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	11.8J	ug/kg	14.5	4.4	1	07/13/17 10:12	07/18/17 00:54	83-32-9	
Acenaphthylene	9.4J	ug/kg	12.3	3.7	1	07/13/17 10:12	07/18/17 00:54	208-96-8	
Anthracene	36.1	ug/kg	21.3	6.4	1	07/13/17 10:12	07/18/17 00:54	120-12-7	
Benzo(a)anthracene	136	ug/kg	11.9	3.6	1	07/13/17 10:12	07/18/17 00:54	56-55-3	
Benzo(a)pyrene	172	ug/kg	9.4	2.8	1	07/13/17 10:12	07/18/17 00:54	50-32-8	
Benzo(b)fluoranthene	171	ug/kg	10.6	3.2	1	07/13/17 10:12	07/18/17 00:54	205-99-2	
Benzo(g,h,i)perylene	156	ug/kg	7.6	2.3	1	07/13/17 10:12	07/18/17 00:54	191-24-2	
Benzo(k)fluoranthene	189	ug/kg	9.4	2.8	1	07/13/17 10:12	07/18/17 00:54	207-08-9	
Chrysene	184	ug/kg	12.6	3.8	1	07/13/17 10:12	07/18/17 00:54	218-01-9	
Dibenz(a,h)anthracene	51.9	ug/kg	8.4	2.5	1	07/13/17 10:12	07/18/17 00:54	53-70-3	
Fluoranthene	254	ug/kg	19.5	5.8	1	07/13/17 10:12	07/18/17 00:54	206-44-0	
Fluorene	11.1J	ug/kg	15.5	4.6	1	07/13/17 10:12	07/18/17 00:54	86-73-7	
Indeno(1,2,3-cd)pyrene	133	ug/kg	8.2	2.5	1	07/13/17 10:12	07/18/17 00:54	193-39-5	
1-Methylnaphthalene	25.2	ug/kg	15.0	4.5	1	07/13/17 10:12	07/18/17 00:54	90-12-0	
2-Methylnaphthalene	31.0	ug/kg	18.7	5.6	1	07/13/17 10:12	07/18/17 00:54	91-57-6	
Naphthalene	26.9J	ug/kg	31.5	9.4	1	07/13/17 10:12	07/18/17 00:54	91-20-3	
Phenanthrene	156	ug/kg	43.5	13.1	1	07/13/17 10:12	07/18/17 00:54	85-01-8	
Pyrene	221	ug/kg	16.8	5.1	1	07/13/17 10:12	07/18/17 00:54	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	19-96		1	07/13/17 10:12	07/18/17 00:54	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		1	07/13/17 10:12	07/18/17 00:54	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/12/17 02:57	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/12/17 02:57	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/12/17 02:57	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/12/17 02:57	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-18 6-8**      **Lab ID: 40152907006**      Collected: 07/03/17 12:25      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/12/17 02:57	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/12/17 02:57	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 02:57	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/12/17 02:57	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	07/10/17 14:00	07/12/17 02:57	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-18 6-8**      **Lab ID: 40152907006**      Collected: 07/03/17 12:25      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	68-149		1	07/10/17 14:00	07/12/17 02:57	2037-26-5	
4-Bromofluorobenzene (S)	90	%	58-141		1	07/10/17 14:00	07/12/17 02:57	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>10.9</b>	%	0.10	0.10	1		07/13/17 16:25		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-19 2-4**      **Lab ID: 40152907007**      Collected: 07/03/17 13:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	8.9	mg/kg	4.9	1.0	1	07/11/17 09:02	07/12/17 11:39	7440-38-2	
Lead	58.8	mg/kg	1.3	0.42	1	07/11/17 09:02	07/12/17 11:39	7439-92-1	
Selenium	<1.1	mg/kg	4.9	1.1	1	07/11/17 09:02	07/12/17 11:39	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	55.0J	ug/kg	111	33.3	8	07/13/17 10:12	07/18/17 04:05	83-32-9	
Acenaphthylene	46.4J	ug/kg	94.4	28.3	8	07/13/17 10:12	07/18/17 04:05	208-96-8	
Anthracene	197	ug/kg	163	49.0	8	07/13/17 10:12	07/18/17 04:05	120-12-7	
Benzo(a)anthracene	803	ug/kg	91.0	27.2	8	07/13/17 10:12	07/18/17 04:05	56-55-3	
Benzo(a)pyrene	1200	ug/kg	71.8	21.6	8	07/13/17 10:12	07/18/17 04:05	50-32-8	
Benzo(b)fluoranthene	1380	ug/kg	80.8	24.2	8	07/13/17 10:12	07/18/17 04:05	205-99-2	
Benzo(g,h,i)perylene	1060	ug/kg	58.1	17.4	8	07/13/17 10:12	07/18/17 04:05	191-24-2	
Benzo(k)fluoranthene	1040	ug/kg	71.7	21.5	8	07/13/17 10:12	07/18/17 04:05	207-08-9	
Chrysene	1090	ug/kg	96.1	28.9	8	07/13/17 10:12	07/18/17 04:05	218-01-9	
Dibenz(a,h)anthracene	345	ug/kg	63.9	19.2	8	07/13/17 10:12	07/18/17 04:05	53-70-3	
Fluoranthene	1230	ug/kg	149	44.7	8	07/13/17 10:12	07/18/17 04:05	206-44-0	
Fluorene	53.9J	ug/kg	118	35.5	8	07/13/17 10:12	07/18/17 04:05	86-73-7	
Indeno(1,2,3-cd)pyrene	909	ug/kg	62.9	18.9	8	07/13/17 10:12	07/18/17 04:05	193-39-5	
1-Methylnaphthalene	43.4J	ug/kg	115	34.5	8	07/13/17 10:12	07/18/17 04:05	90-12-0	
2-Methylnaphthalene	50.8J	ug/kg	143	42.9	8	07/13/17 10:12	07/18/17 04:05	91-57-6	
Naphthalene	<72.3	ug/kg	241	72.3	8	07/13/17 10:12	07/18/17 04:05	91-20-3	
Phenanthrene	679	ug/kg	333	100	8	07/13/17 10:12	07/18/17 04:05	85-01-8	
Pyrene	1230	ug/kg	129	38.7	8	07/13/17 10:12	07/18/17 04:05	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	56	%	19-96		8	07/13/17 10:12	07/18/17 04:05	321-60-8	
Terphenyl-d14 (S)	59	%	31-98		8	07/13/17 10:12	07/18/17 04:05	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 23:51	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 23:51	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 23:51	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 23:51	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-19 2-4 Lab ID: 40152907007 Collected: 07/03/17 13:00 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 23:51	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 23:51	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 23:51	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 23:51	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	128	%	68-130		1	07/10/17 14:00	07/11/17 23:51	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-19 2-4**      **Lab ID: 40152907007**      Collected: 07/03/17 13:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	116	%	68-149		1	07/10/17 14:00	07/11/17 23:51	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	07/10/17 14:00	07/11/17 23:51	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>7.0</b>	%	0.10	0.10	1		07/13/17 16:25		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-19 4-6**      **Lab ID: 40152907008**      Collected: 07/03/17 13:05      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	7.6	mg/kg	4.9	1.0	1	07/11/17 09:02	07/12/17 11:42	7440-38-2	
Lead	51.8	mg/kg	1.3	0.43	1	07/11/17 09:02	07/12/17 11:42	7439-92-1	
Selenium	<1.1	mg/kg	4.9	1.1	1	07/11/17 09:02	07/12/17 11:42	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	18.4	ug/kg	14.0	4.2	1	07/13/17 10:12	07/18/17 01:11	83-32-9	
Acenaphthylene	8.0J	ug/kg	12.0	3.6	1	07/13/17 10:12	07/18/17 01:11	208-96-8	
Anthracene	51.8	ug/kg	20.7	6.2	1	07/13/17 10:12	07/18/17 01:11	120-12-7	
Benzo(a)anthracene	248	ug/kg	11.5	3.4	1	07/13/17 10:12	07/18/17 01:11	56-55-3	
Benzo(a)pyrene	411	ug/kg	9.1	2.7	1	07/13/17 10:12	07/18/17 01:11	50-32-8	
Benzo(b)fluoranthene	550	ug/kg	10.2	3.1	1	07/13/17 10:12	07/18/17 01:11	205-99-2	
Benzo(g,h,i)perylene	450	ug/kg	7.4	2.2	1	07/13/17 10:12	07/18/17 01:11	191-24-2	
Benzo(k)fluoranthene	327	ug/kg	9.1	2.7	1	07/13/17 10:12	07/18/17 01:11	207-08-9	
Chrysene	388	ug/kg	12.2	3.7	1	07/13/17 10:12	07/18/17 01:11	218-01-9	
Dibenz(a,h)anthracene	135	ug/kg	8.1	2.4	1	07/13/17 10:12	07/18/17 01:11	53-70-3	
Fluoranthene	407	ug/kg	18.9	5.7	1	07/13/17 10:12	07/18/17 01:11	206-44-0	
Fluorene	19.2	ug/kg	15.0	4.5	1	07/13/17 10:12	07/18/17 01:11	86-73-7	
Indeno(1,2,3-cd)pyrene	358	ug/kg	8.0	2.4	1	07/13/17 10:12	07/18/17 01:11	193-39-5	
1-Methylnaphthalene	20.2	ug/kg	14.6	4.4	1	07/13/17 10:12	07/18/17 01:11	90-12-0	
2-Methylnaphthalene	24.5	ug/kg	18.2	5.4	1	07/13/17 10:12	07/18/17 01:11	91-57-6	
Naphthalene	28.5J	ug/kg	30.6	9.2	1	07/13/17 10:12	07/18/17 01:11	91-20-3	
Phenanthrene	272	ug/kg	42.2	12.7	1	07/13/17 10:12	07/18/17 01:11	85-01-8	
Pyrene	386	ug/kg	16.3	4.9	1	07/13/17 10:12	07/18/17 01:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	49	%	19-96		1	07/13/17 10:12	07/18/17 01:11	321-60-8	
Terphenyl-d14 (S)	51	%	31-98		1	07/13/17 10:12	07/18/17 01:11	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/12/17 00:15	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/12/17 00:15	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/12/17 00:15	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/12/17 00:15	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-19 4-6**      **Lab ID: 40152907008**      Collected: 07/03/17 13:05      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/12/17 00:15	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/12/17 00:15	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:15	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/12/17 00:15	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	68-130		1	07/10/17 14:00	07/12/17 00:15	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-19 4-6**      **Lab ID: 40152907008**      Collected: 07/03/17 13:05      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	108	%	68-149		1	07/10/17 14:00	07/12/17 00:15	2037-26-5	
4-Bromofluorobenzene (S)	91	%	58-141		1	07/10/17 14:00	07/12/17 00:15	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>7.9</b>	%	0.10	0.10	1		07/13/17 16:25		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-19 8-10**      **Lab ID: 40152907009**      Collected: 07/03/17 13:10      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>4.5J</b>	mg/kg	5.6	1.2	1	07/11/17 09:02	07/12/17 11:44	7440-38-2	
Lead	<b>9.8</b>	mg/kg	1.5	0.49	1	07/11/17 09:02	07/12/17 11:44	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.6	1.2	1	07/11/17 09:02	07/12/17 11:44	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.7</b>	ug/kg	15.6	4.7	1	07/13/17 08:53	07/17/17 13:07	83-32-9	
Acenaphthylene	<b>&lt;4.0</b>	ug/kg	13.3	4.0	1	07/13/17 08:53	07/17/17 13:07	208-96-8	
Anthracene	<b>&lt;6.9</b>	ug/kg	23.0	6.9	1	07/13/17 08:53	07/17/17 13:07	120-12-7	
Benzo(a)anthracene	<b>&lt;3.8</b>	ug/kg	12.8	3.8	1	07/13/17 08:53	07/17/17 13:07	56-55-3	
Benzo(a)pyrene	<b>&lt;3.0</b>	ug/kg	10.1	3.0	1	07/13/17 08:53	07/17/17 13:07	50-32-8	
Benzo(b)fluoranthene	<b>&lt;3.4</b>	ug/kg	11.4	3.4	1	07/13/17 08:53	07/17/17 13:07	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;2.5</b>	ug/kg	8.2	2.5	1	07/13/17 08:53	07/17/17 13:07	191-24-2	
Benzo(k)fluoranthene	<b>&lt;3.0</b>	ug/kg	10.1	3.0	1	07/13/17 08:53	07/17/17 13:07	207-08-9	
Chrysene	<b>&lt;4.1</b>	ug/kg	13.5	4.1	1	07/13/17 08:53	07/17/17 13:07	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.7</b>	ug/kg	9.0	2.7	1	07/13/17 08:53	07/17/17 13:07	53-70-3	
Fluoranthene	<b>&lt;6.3</b>	ug/kg	21.0	6.3	1	07/13/17 08:53	07/17/17 13:07	206-44-0	
Fluorene	<b>&lt;5.0</b>	ug/kg	16.7	5.0	1	07/13/17 08:53	07/17/17 13:07	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.7</b>	ug/kg	8.9	2.7	1	07/13/17 08:53	07/17/17 13:07	193-39-5	
1-Methylnaphthalene	<b>&lt;4.9</b>	ug/kg	16.2	4.9	1	07/13/17 08:53	07/17/17 13:07	90-12-0	
2-Methylnaphthalene	<b>&lt;6.0</b>	ug/kg	20.2	6.0	1	07/13/17 08:53	07/17/17 13:07	91-57-6	
Naphthalene	<b>&lt;10.2</b>	ug/kg	34.0	10.2	1	07/13/17 08:53	07/17/17 13:07	91-20-3	
Phenanthrene	<b>&lt;14.1</b>	ug/kg	46.9	14.1	1	07/13/17 08:53	07/17/17 13:07	85-01-8	
Pyrene	<b>&lt;5.5</b>	ug/kg	18.1	5.5	1	07/13/17 08:53	07/17/17 13:07	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	56	%	19-96		1	07/13/17 08:53	07/17/17 13:07	321-60-8	
Terphenyl-d14 (S)	52	%	31-98		1	07/13/17 08:53	07/17/17 13:07	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 14:00	07/12/17 00:38	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 14:00	07/12/17 00:38	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 14:00	07/12/17 00:38	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 14:00	07/12/17 00:38	96-12-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-19 8-10**      **Lab ID: 40152907009**      Collected: 07/03/17 13:10      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/12/17 00:38	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/12/17 00:38	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 00:38	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/12/17 00:38	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	07/10/17 14:00	07/12/17 00:38	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-19 8-10**      **Lab ID: 40152907009**      Collected: 07/03/17 13:10      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	104	%	68-149		1	07/10/17 14:00	07/12/17 00:38	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	07/10/17 14:00	07/12/17 00:38	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>17.3</b>	%	0.10	0.10	1		07/13/17 16:26		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-20 2-4**      **Lab ID: 40152907010**      Collected: 07/03/17 13:50      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	6.5	mg/kg	4.8	1.0	1	07/11/17 09:02	07/12/17 11:46	7440-38-2	
Lead	61.3	mg/kg	1.3	0.42	1	07/11/17 09:02	07/12/17 11:46	7439-92-1	
Selenium	<1.1	mg/kg	4.8	1.1	1	07/11/17 09:02	07/12/17 11:46	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	56.4J	ug/kg	69.9	21.0	5	07/13/17 08:53	07/18/17 00:36	83-32-9	
Acenaphthylene	28.3J	ug/kg	59.6	17.9	5	07/13/17 08:53	07/18/17 00:36	208-96-8	
Anthracene	180	ug/kg	103	31.0	5	07/13/17 08:53	07/18/17 00:36	120-12-7	
Benzo(a)anthracene	429	ug/kg	57.5	17.2	5	07/13/17 08:53	07/18/17 00:36	56-55-3	
Benzo(a)pyrene	495	ug/kg	45.4	13.6	5	07/13/17 08:53	07/18/17 00:36	50-32-8	
Benzo(b)fluoranthene	483	ug/kg	51.0	15.3	5	07/13/17 08:53	07/18/17 00:36	205-99-2	
Benzo(g,h,i)perylene	378	ug/kg	36.7	11.0	5	07/13/17 08:53	07/18/17 00:36	191-24-2	
Benzo(k)fluoranthene	431	ug/kg	45.3	13.6	5	07/13/17 08:53	07/18/17 00:36	207-08-9	
Chrysene	493	ug/kg	60.7	18.3	5	07/13/17 08:53	07/18/17 00:36	218-01-9	
Dibenz(a,h)anthracene	129	ug/kg	40.4	12.1	5	07/13/17 08:53	07/18/17 00:36	53-70-3	
Fluoranthene	962	ug/kg	94.3	28.2	5	07/13/17 08:53	07/18/17 00:36	206-44-0	
Fluorene	64.8J	ug/kg	74.8	22.4	5	07/13/17 08:53	07/18/17 00:36	86-73-7	
Indeno(1,2,3-cd)pyrene	331	ug/kg	39.7	11.9	5	07/13/17 08:53	07/18/17 00:36	193-39-5	
1-Methylnaphthalene	77.0	ug/kg	72.7	21.8	5	07/13/17 08:53	07/18/17 00:36	90-12-0	
2-Methylnaphthalene	76.4J	ug/kg	90.6	27.1	5	07/13/17 08:53	07/18/17 00:36	91-57-6	
Naphthalene	62.8J	ug/kg	152	45.7	5	07/13/17 08:53	07/18/17 00:36	91-20-3	
Phenanthrene	654	ug/kg	210	63.2	5	07/13/17 08:53	07/18/17 00:36	85-01-8	
Pyrene	853	ug/kg	81.3	24.5	5	07/13/17 08:53	07/18/17 00:36	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	48	%	19-96		5	07/13/17 08:53	07/18/17 00:36	321-60-8	
Terphenyl-d14 (S)	50	%	31-98		5	07/13/17 08:53	07/18/17 00:36	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/12/17 01:01	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/12/17 01:01	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/12/17 01:01	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/12/17 01:01	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-20 2-4**      **Lab ID: 40152907010**      Collected: 07/03/17 13:50      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	1634-04-4	W
Naphthalene	51.7J	ug/kg	272	43.5	1	07/10/17 14:00	07/12/17 01:01	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	127-18-4	W
Toluene	32.9J	ug/kg	65.2	27.2	1	07/10/17 14:00	07/12/17 01:01	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/12/17 01:01	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:01	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/12/17 01:01	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	68-130		1	07/10/17 14:00	07/12/17 01:01	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-20 2-4**      **Lab ID: 40152907010**      Collected: 07/03/17 13:50      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	104	%	68-149		1	07/10/17 14:00	07/12/17 01:01	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	07/10/17 14:00	07/12/17 01:01	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>8.0</b>	%	0.10	0.10	1		07/13/17 16:26		

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-20 6-8**      **Lab ID: 40152907011**      Collected: 07/03/17 13:55      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>3.4J</b>	mg/kg	5.4	1.1	1	07/11/17 09:02	07/12/17 11:49	7440-38-2	
Lead	<b>69.9</b>	mg/kg	1.4	0.47	1	07/11/17 09:02	07/12/17 11:49	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.4	1.2	1	07/11/17 09:02	07/12/17 11:49	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>171J</b>	ug/kg	294	88.3	20	07/13/17 10:12	07/17/17 20:16	83-32-9	
Acenaphthylene	<b>&lt;75.0</b>	ug/kg	250	75.0	20	07/13/17 10:12	07/17/17 20:16	208-96-8	
Anthracene	<b>478</b>	ug/kg	432	130	20	07/13/17 10:12	07/17/17 20:16	120-12-7	
Benzo(a)anthracene	<b>887</b>	ug/kg	241	72.2	20	07/13/17 10:12	07/17/17 20:16	56-55-3	
Benzo(a)pyrene	<b>1020</b>	ug/kg	190	57.2	20	07/13/17 10:12	07/17/17 20:16	50-32-8	
Benzo(b)fluoranthene	<b>906</b>	ug/kg	214	64.3	20	07/13/17 10:12	07/17/17 20:16	205-99-2	
Benzo(g,h,i)perylene	<b>875</b>	ug/kg	154	46.2	20	07/13/17 10:12	07/17/17 20:16	191-24-2	
Benzo(k)fluoranthene	<b>865</b>	ug/kg	190	57.1	20	07/13/17 10:12	07/17/17 20:16	207-08-9	
Chrysene	<b>1050</b>	ug/kg	255	76.7	20	07/13/17 10:12	07/17/17 20:16	218-01-9	
Dibenz(a,h)anthracene	<b>259</b>	ug/kg	170	50.9	20	07/13/17 10:12	07/17/17 20:16	53-70-3	
Fluoranthene	<b>2060</b>	ug/kg	396	119	20	07/13/17 10:12	07/17/17 20:16	206-44-0	
Fluorene	<b>275J</b>	ug/kg	314	94.2	20	07/13/17 10:12	07/17/17 20:16	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>696</b>	ug/kg	167	50.0	20	07/13/17 10:12	07/17/17 20:16	193-39-5	
1-Methylnaphthalene	<b>119J</b>	ug/kg	305	91.5	20	07/13/17 10:12	07/17/17 20:16	90-12-0	
2-Methylnaphthalene	<b>134J</b>	ug/kg	380	114	20	07/13/17 10:12	07/17/17 20:16	91-57-6	
Naphthalene	<b>&lt;192</b>	ug/kg	639	192	20	07/13/17 10:12	07/17/17 20:16	91-20-3	
Phenanthrene	<b>2180</b>	ug/kg	883	265	20	07/13/17 10:12	07/17/17 20:16	85-01-8	
Pyrene	<b>1880</b>	ug/kg	341	103	20	07/13/17 10:12	07/17/17 20:16	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	54	%	19-96		20	07/13/17 10:12	07/17/17 20:16	321-60-8	
Terphenyl-d14 (S)	58	%	31-98		20	07/13/17 10:12	07/17/17 20:16	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 14:00	07/12/17 01:24	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 14:00	07/12/17 01:24	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 14:00	07/12/17 01:24	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 14:00	07/12/17 01:24	96-12-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-20 6-8**      **Lab ID: 40152907011**      Collected: 07/03/17 13:55      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	1634-04-4	W
Naphthalene	68.7J	ug/kg	284	45.5	1	07/10/17 14:00	07/12/17 01:24	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/12/17 01:24	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/12/17 01:24	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/12/17 01:24	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	07/10/17 14:00	07/12/17 01:24	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-20 6-8**      **Lab ID: 40152907011**      Collected: 07/03/17 13:55      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	103	%	68-149		1	07/10/17 14:00	07/12/17 01:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	07/10/17 14:00	07/12/17 01:24	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>12.1</b>	%	0.10	0.10	1		07/13/17 16:26		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-20 8-10**      **Lab ID: 40152907012**      Collected: 07/03/17 14:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	3.3J	mg/kg	5.4	1.1	1	07/11/17 09:02	07/12/17 11:51	7440-38-2	
Lead	30.0	mg/kg	1.4	0.47	1	07/11/17 09:02	07/12/17 11:51	7439-92-1	
Selenium	<1.2	mg/kg	5.4	1.2	1	07/11/17 09:02	07/12/17 11:51	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	26.3J	ug/kg	29.4	8.9	2	07/13/17 10:12	07/18/17 02:21	83-32-9	
Acenaphthylene	13.0J	ug/kg	25.1	7.5	2	07/13/17 10:12	07/18/17 02:21	208-96-8	
Anthracene	91.8	ug/kg	43.3	13.0	2	07/13/17 10:12	07/18/17 02:21	120-12-7	
Benzo(a)anthracene	211	ug/kg	24.2	7.2	2	07/13/17 10:12	07/18/17 02:21	56-55-3	
Benzo(a)pyrene	227	ug/kg	19.1	5.7	2	07/13/17 10:12	07/18/17 02:21	50-32-8	
Benzo(b)fluoranthene	177	ug/kg	21.5	6.4	2	07/13/17 10:12	07/18/17 02:21	205-99-2	
Benzo(g,h,i)perylene	157	ug/kg	15.4	4.6	2	07/13/17 10:12	07/18/17 02:21	191-24-2	
Benzo(k)fluoranthene	231	ug/kg	19.1	5.7	2	07/13/17 10:12	07/18/17 02:21	207-08-9	
Chrysene	242	ug/kg	25.5	7.7	2	07/13/17 10:12	07/18/17 02:21	218-01-9	
Dibenz(a,h)anthracene	54.1	ug/kg	17.0	5.1	2	07/13/17 10:12	07/18/17 02:21	53-70-3	
Fluoranthene	495	ug/kg	39.7	11.9	2	07/13/17 10:12	07/18/17 02:21	206-44-0	
Fluorene	28.9J	ug/kg	31.5	9.4	2	07/13/17 10:12	07/18/17 02:21	86-73-7	
Indeno(1,2,3-cd)pyrene	142	ug/kg	16.7	5.0	2	07/13/17 10:12	07/18/17 02:21	193-39-5	
1-Methylnaphthalene	12.8J	ug/kg	30.6	9.2	2	07/13/17 10:12	07/18/17 02:21	90-12-0	
2-Methylnaphthalene	14.5J	ug/kg	38.1	11.4	2	07/13/17 10:12	07/18/17 02:21	91-57-6	
Naphthalene	23.3J	ug/kg	64.1	19.2	2	07/13/17 10:12	07/18/17 02:21	91-20-3	
Phenanthrene	349	ug/kg	88.5	26.6	2	07/13/17 10:12	07/18/17 02:21	85-01-8	
Pyrene	457	ug/kg	34.2	10.3	2	07/13/17 10:12	07/18/17 02:21	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	57	%	19-96		2	07/13/17 10:12	07/18/17 02:21	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		2	07/13/17 10:12	07/18/17 02:21	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 20:00	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 20:00	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 20:00	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 20:00	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-20 8-10**      **Lab ID: 40152907012**      Collected: 07/03/17 14:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 20:00	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 20:00	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:00	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 20:00	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	68-130		1	07/10/17 14:00	07/11/17 20:00	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-20 8-10**      **Lab ID: 40152907012**    Collected: 07/03/17 14:00    Received: 07/07/17 09:45    Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	110	%	68-149		1	07/10/17 14:00	07/11/17 20:00	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	07/10/17 14:00	07/11/17 20:00	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>12.2</b>	%	0.10	0.10	1		07/13/17 16:26		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-21 2-4**      **Lab ID: 40152907013**      Collected: 07/05/17 15:10      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	5.8	mg/kg	5.1	1.1	1	07/11/17 09:02	07/12/17 11:54	7440-38-2	
Lead	82.7	mg/kg	1.3	0.44	1	07/11/17 09:02	07/12/17 11:54	7439-92-1	
Selenium	<1.1	mg/kg	5.1	1.1	1	07/11/17 09:02	07/12/17 11:54	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	11.7J	ug/kg	14.3	4.3	1	07/14/17 08:29	07/18/17 05:32	83-32-9	
Acenaphthylene	6.3J	ug/kg	12.2	3.6	1	07/14/17 08:29	07/18/17 05:32	208-96-8	
Anthracene	29.0	ug/kg	21.0	6.3	1	07/14/17 08:29	07/18/17 05:32	120-12-7	
Benzo(a)anthracene	192	ug/kg	11.7	3.5	1	07/14/17 08:29	07/18/17 05:32	56-55-3	
Benzo(a)pyrene	328	ug/kg	9.3	2.8	1	07/14/17 08:29	07/18/17 05:32	50-32-8	
Benzo(b)fluoranthene	358	ug/kg	10.4	3.1	1	07/14/17 08:29	07/18/17 05:32	205-99-2	
Benzo(g,h,i)perylene	269	ug/kg	7.5	2.2	1	07/14/17 08:29	07/18/17 05:32	191-24-2	
Benzo(k)fluoranthene	319	ug/kg	9.3	2.8	1	07/14/17 08:29	07/18/17 05:32	207-08-9	
Chrysene	282	ug/kg	12.4	3.7	1	07/14/17 08:29	07/18/17 05:32	218-01-9	
Dibenz(a,h)anthracene	94.5	ug/kg	8.2	2.5	1	07/14/17 08:29	07/18/17 05:32	53-70-3	
Fluoranthene	255	ug/kg	19.3	5.8	1	07/14/17 08:29	07/18/17 05:32	206-44-0	
Fluorene	9.4J	ug/kg	15.3	4.6	1	07/14/17 08:29	07/18/17 05:32	86-73-7	
Indeno(1,2,3-cd)pyrene	233	ug/kg	8.1	2.4	1	07/14/17 08:29	07/18/17 05:32	193-39-5	
1-Methylnaphthalene	26.4	ug/kg	14.8	4.5	1	07/14/17 08:29	07/18/17 05:32	90-12-0	
2-Methylnaphthalene	33.8	ug/kg	18.5	5.5	1	07/14/17 08:29	07/18/17 05:32	91-57-6	
Naphthalene	25.1J	ug/kg	31.1	9.3	1	07/14/17 08:29	07/18/17 05:32	91-20-3	
Phenanthrene	116	ug/kg	43.0	12.9	1	07/14/17 08:29	07/18/17 05:32	85-01-8	
Pyrene	255	ug/kg	16.6	5.0	1	07/14/17 08:29	07/18/17 05:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	19-96		1	07/14/17 08:29	07/18/17 05:32	321-60-8	
Terphenyl-d14 (S)	74	%	31-98		1	07/14/17 08:29	07/18/17 05:32	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 20:23	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 20:23	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 20:23	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 20:23	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-21 2-4 Lab ID: 40152907013 Collected: 07/05/17 15:10 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 20:23	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 20:23	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:23	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 20:23	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	118	%	68-130		1	07/10/17 14:00	07/11/17 20:23	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-21 2-4**      **Lab ID: 40152907013**      Collected: 07/05/17 15:10      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	104	%	68-149		1	07/10/17 14:00	07/11/17 20:23	2037-26-5	
4-Bromofluorobenzene (S)	91	%	58-141		1	07/10/17 14:00	07/11/17 20:23	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>9.6</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-21 6-8**      **Lab ID: 40152907014**      Collected: 07/05/17 15:15      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	3.2J	mg/kg	6.2	1.3	1	07/11/17 09:28	07/12/17 12:15	7440-38-2	
Lead	8.3	mg/kg	1.6	0.53	1	07/11/17 09:28	07/12/17 12:15	7439-92-1	
Selenium	<1.4	mg/kg	6.2	1.4	1	07/11/17 09:28	07/12/17 12:15	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.8	ug/kg	15.9	4.8	1	07/14/17 08:29	07/17/17 15:15	83-32-9	
Acenaphthylene	<4.1	ug/kg	13.6	4.1	1	07/14/17 08:29	07/17/17 15:15	208-96-8	
Anthracene	<7.0	ug/kg	23.5	7.0	1	07/14/17 08:29	07/17/17 15:15	120-12-7	
Benzo(a)anthracene	<3.9	ug/kg	13.1	3.9	1	07/14/17 08:29	07/17/17 15:15	56-55-3	
Benzo(a)pyrene	5.3J	ug/kg	10.3	3.1	1	07/14/17 08:29	07/17/17 15:15	50-32-8	
Benzo(b)fluoranthene	6.0J	ug/kg	11.6	3.5	1	07/14/17 08:29	07/17/17 15:15	205-99-2	
Benzo(g,h,i)perylene	6.3J	ug/kg	8.4	2.5	1	07/14/17 08:29	07/17/17 15:15	191-24-2	
Benzo(k)fluoranthene	5.1J	ug/kg	10.3	3.1	1	07/14/17 08:29	07/17/17 15:15	207-08-9	
Chrysene	5.0J	ug/kg	13.8	4.2	1	07/14/17 08:29	07/17/17 15:15	218-01-9	
Dibenz(a,h)anthracene	<2.8	ug/kg	9.2	2.8	1	07/14/17 08:29	07/17/17 15:15	53-70-3	
Fluoranthene	<6.4	ug/kg	21.5	6.4	1	07/14/17 08:29	07/17/17 15:15	206-44-0	
Fluorene	<5.1	ug/kg	17.0	5.1	1	07/14/17 08:29	07/17/17 15:15	86-73-7	
Indeno(1,2,3-cd)pyrene	4.4J	ug/kg	9.0	2.7	1	07/14/17 08:29	07/17/17 15:15	193-39-5	
1-Methylnaphthalene	<5.0	ug/kg	16.5	5.0	1	07/14/17 08:29	07/17/17 15:15	90-12-0	
2-Methylnaphthalene	<6.2	ug/kg	20.6	6.2	1	07/14/17 08:29	07/17/17 15:15	91-57-6	
Naphthalene	<10.4	ug/kg	34.7	10.4	1	07/14/17 08:29	07/17/17 15:15	91-20-3	
Phenanthrene	<14.4	ug/kg	47.9	14.4	1	07/14/17 08:29	07/17/17 15:15	85-01-8	
Pyrene	<5.6	ug/kg	18.5	5.6	1	07/14/17 08:29	07/17/17 15:15	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	19-96		1	07/14/17 08:29	07/17/17 15:15	321-60-8	
Terphenyl-d14 (S)	67	%	31-98		1	07/14/17 08:29	07/17/17 15:15	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 20:46	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 20:46	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 20:46	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 20:46	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-21 6-8**      **Lab ID: 40152907014**      Collected: 07/05/17 15:15      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 20:46	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 20:46	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 20:46	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 20:46	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	68-130		1	07/10/17 14:00	07/11/17 20:46	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-21 6-8**      **Lab ID: 40152907014**    Collected: 07/05/17 15:15    Received: 07/07/17 09:45    Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	68-149		1	07/10/17 14:00	07/11/17 20:46	2037-26-5	
4-Bromofluorobenzene (S)	91	%	58-141		1	07/10/17 14:00	07/11/17 20:46	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>18.8</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-21 8-10**      **Lab ID: 40152907015**      Collected: 07/05/17 15:20      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>3.9J</b>	mg/kg	6.0	1.3	1	07/11/17 09:28	07/12/17 12:22	7440-38-2	
Lead	<b>9.9</b>	mg/kg	1.5	0.52	1	07/11/17 09:28	07/12/17 12:22	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	6.0	1.3	1	07/11/17 09:28	07/12/17 12:22	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.6</b>	ug/kg	15.4	4.6	1	07/14/17 08:29	07/17/17 15:32	83-32-9	
Acenaphthylene	<b>&lt;3.9</b>	ug/kg	13.1	3.9	1	07/14/17 08:29	07/17/17 15:32	208-96-8	
Anthracene	<b>&lt;6.8</b>	ug/kg	22.7	6.8	1	07/14/17 08:29	07/17/17 15:32	120-12-7	
Benzo(a)anthracene	<b>&lt;3.8</b>	ug/kg	12.7	3.8	1	07/14/17 08:29	07/17/17 15:32	56-55-3	
Benzo(a)pyrene	<b>&lt;3.0</b>	ug/kg	10.0	3.0	1	07/14/17 08:29	07/17/17 15:32	50-32-8	
Benzo(b)fluoranthene	<b>&lt;3.4</b>	ug/kg	11.2	3.4	1	07/14/17 08:29	07/17/17 15:32	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;2.4</b>	ug/kg	8.1	2.4	1	07/14/17 08:29	07/17/17 15:32	191-24-2	
Benzo(k)fluoranthene	<b>&lt;3.0</b>	ug/kg	10	3.0	1	07/14/17 08:29	07/17/17 15:32	207-08-9	
Chrysene	<b>&lt;4.0</b>	ug/kg	13.4	4.0	1	07/14/17 08:29	07/17/17 15:32	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.7</b>	ug/kg	8.9	2.7	1	07/14/17 08:29	07/17/17 15:32	53-70-3	
Fluoranthene	<b>&lt;6.2</b>	ug/kg	20.8	6.2	1	07/14/17 08:29	07/17/17 15:32	206-44-0	
Fluorene	<b>&lt;4.9</b>	ug/kg	16.5	4.9	1	07/14/17 08:29	07/17/17 15:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.6</b>	ug/kg	8.8	2.6	1	07/14/17 08:29	07/17/17 15:32	193-39-5	
1-Methylnaphthalene	<b>&lt;4.8</b>	ug/kg	16.0	4.8	1	07/14/17 08:29	07/17/17 15:32	90-12-0	
2-Methylnaphthalene	<b>&lt;6.0</b>	ug/kg	20.0	6.0	1	07/14/17 08:29	07/17/17 15:32	91-57-6	
Naphthalene	<b>&lt;10.1</b>	ug/kg	33.6	10.1	1	07/14/17 08:29	07/17/17 15:32	91-20-3	
Phenanthrene	<b>&lt;13.9</b>	ug/kg	46.4	13.9	1	07/14/17 08:29	07/17/17 15:32	85-01-8	
Pyrene	<b>&lt;5.4</b>	ug/kg	17.9	5.4	1	07/14/17 08:29	07/17/17 15:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	40	%	19-96		1	07/14/17 08:29	07/17/17 15:32	321-60-8	
Terphenyl-d14 (S)	49	%	31-98		1	07/14/17 08:29	07/17/17 15:32	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 21:09	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 21:09	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 21:09	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 21:09	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-21 8-10 Lab ID: 40152907015 Collected: 07/05/17 15:20 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 21:09	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 21:09	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:09	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 21:09	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	68-130		1	07/10/17 14:00	07/11/17 21:09	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-21 8-10**      **Lab ID: 40152907015**      Collected: 07/05/17 15:20      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	107	%	68-149		1	07/10/17 14:00	07/11/17 21:09	2037-26-5	
4-Bromofluorobenzene (S)	94	%	58-141		1	07/10/17 14:00	07/11/17 21:09	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>16.3</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-22 2-4**      **Lab ID: 40152907016**      Collected: 07/05/17 14:55      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	20.4	mg/kg	5.4	1.1	1	07/11/17 09:28	07/12/17 12:24	7440-38-2	
Lead	95.8	mg/kg	1.4	0.47	1	07/11/17 09:28	07/12/17 12:24	7439-92-1	
Selenium	<1.2	mg/kg	5.4	1.2	1	07/11/17 09:28	07/12/17 12:24	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	31.2J	ug/kg	71.2	21.4	5	07/14/17 08:29	07/18/17 05:49	83-32-9	
Acenaphthylene	<18.2	ug/kg	60.7	18.2	5	07/14/17 08:29	07/18/17 05:49	208-96-8	
Anthracene	171	ug/kg	105	31.5	5	07/14/17 08:29	07/18/17 05:49	120-12-7	
Benzo(a)anthracene	469	ug/kg	58.5	17.5	5	07/14/17 08:29	07/18/17 05:49	56-55-3	
Benzo(a)pyrene	503	ug/kg	46.2	13.9	5	07/14/17 08:29	07/18/17 05:49	50-32-8	
Benzo(b)fluoranthene	408	ug/kg	51.9	15.6	5	07/14/17 08:29	07/18/17 05:49	205-99-2	
Benzo(g,h,i)perylene	271	ug/kg	37.4	11.2	5	07/14/17 08:29	07/18/17 05:49	191-24-2	
Benzo(k)fluoranthene	370	ug/kg	46.1	13.8	5	07/14/17 08:29	07/18/17 05:49	207-08-9	
Chrysene	545	ug/kg	61.8	18.6	5	07/14/17 08:29	07/18/17 05:49	218-01-9	
Dibenz(a,h)anthracene	98.3	ug/kg	41.1	12.3	5	07/14/17 08:29	07/18/17 05:49	53-70-3	
Fluoranthene	822	ug/kg	96.0	28.7	5	07/14/17 08:29	07/18/17 05:49	206-44-0	
Fluorene	31.0J	ug/kg	76.1	22.8	5	07/14/17 08:29	07/18/17 05:49	86-73-7	
Indeno(1,2,3-cd)pyrene	242	ug/kg	40.4	12.1	5	07/14/17 08:29	07/18/17 05:49	193-39-5	
1-Methylnaphthalene	<22.2	ug/kg	73.9	22.2	5	07/14/17 08:29	07/18/17 05:49	90-12-0	
2-Methylnaphthalene	27.9J	ug/kg	92.2	27.6	5	07/14/17 08:29	07/18/17 05:49	91-57-6	
Naphthalene	<46.5	ug/kg	155	46.5	5	07/14/17 08:29	07/18/17 05:49	91-20-3	
Phenanthrene	634	ug/kg	214	64.3	5	07/14/17 08:29	07/18/17 05:49	85-01-8	
Pyrene	1090	ug/kg	82.8	24.9	5	07/14/17 08:29	07/18/17 05:49	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	19-96		5	07/14/17 08:29	07/18/17 05:49	321-60-8	
Terphenyl-d14 (S)	64	%	31-98		5	07/14/17 08:29	07/18/17 05:49	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 21:33	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 21:33	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 21:33	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 21:33	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-22 2-4**      **Lab ID: 40152907016**      Collected: 07/05/17 14:55      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 21:33	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 21:33	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:33	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 21:33	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	68-130		1	07/10/17 14:00	07/11/17 21:33	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-22 2-4**      **Lab ID: 40152907016**      Collected: 07/05/17 14:55      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	104	%	68-149		1	07/10/17 14:00	07/11/17 21:33	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	07/10/17 14:00	07/11/17 21:33	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>9.2</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-22 6-8**      **Lab ID: 40152907017**      Collected: 07/05/17 15:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>4.8J</b>	mg/kg	5.2	1.1	1	07/11/17 09:28	07/12/17 12:27	7440-38-2	
Lead	<b>47.0</b>	mg/kg	1.3	0.45	1	07/11/17 09:28	07/12/17 12:27	7439-92-1	
Selenium	<b>&lt;1.2</b>	mg/kg	5.2	1.2	1	07/11/17 09:28	07/12/17 12:27	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>74.0</b>	ug/kg	29.1	8.8	2	07/14/17 08:29	07/18/17 06:07	83-32-9	
Acenaphthylene	<b>25.3</b>	ug/kg	24.8	7.4	2	07/14/17 08:29	07/18/17 06:07	208-96-8	
Anthracene	<b>187</b>	ug/kg	42.9	12.9	2	07/14/17 08:29	07/18/17 06:07	120-12-7	
Benzo(a)anthracene	<b>321</b>	ug/kg	23.9	7.2	2	07/14/17 08:29	07/18/17 06:07	56-55-3	
Benzo(a)pyrene	<b>337</b>	ug/kg	18.9	5.7	2	07/14/17 08:29	07/18/17 06:07	50-32-8	
Benzo(b)fluoranthene	<b>302</b>	ug/kg	21.2	6.4	2	07/14/17 08:29	07/18/17 06:07	205-99-2	
Benzo(g,h,i)perylene	<b>174</b>	ug/kg	15.3	4.6	2	07/14/17 08:29	07/18/17 06:07	191-24-2	
Benzo(k)fluoranthene	<b>266</b>	ug/kg	18.9	5.7	2	07/14/17 08:29	07/18/17 06:07	207-08-9	
Chrysene	<b>368</b>	ug/kg	25.3	7.6	2	07/14/17 08:29	07/18/17 06:07	218-01-9	
Dibenz(a,h)anthracene	<b>67.9</b>	ug/kg	16.8	5.0	2	07/14/17 08:29	07/18/17 06:07	53-70-3	
Fluoranthene	<b>707</b>	ug/kg	39.3	11.8	2	07/14/17 08:29	07/18/17 06:07	206-44-0	
Fluorene	<b>64.0</b>	ug/kg	31.2	9.3	2	07/14/17 08:29	07/18/17 06:07	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>164</b>	ug/kg	16.6	5.0	2	07/14/17 08:29	07/18/17 06:07	193-39-5	
1-Methylnaphthalene	<b>45.4</b>	ug/kg	30.3	9.1	2	07/14/17 08:29	07/18/17 06:07	90-12-0	
2-Methylnaphthalene	<b>53.3</b>	ug/kg	37.7	11.3	2	07/14/17 08:29	07/18/17 06:07	91-57-6	
Naphthalene	<b>48.1J</b>	ug/kg	63.4	19.0	2	07/14/17 08:29	07/18/17 06:07	91-20-3	
Phenanthrene	<b>718</b>	ug/kg	87.6	26.3	2	07/14/17 08:29	07/18/17 06:07	85-01-8	
Pyrene	<b>735</b>	ug/kg	33.9	10.2	2	07/14/17 08:29	07/18/17 06:07	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	55	%	19-96		2	07/14/17 08:29	07/18/17 06:07	321-60-8	
Terphenyl-d14 (S)	58	%	31-98		2	07/14/17 08:29	07/18/17 06:07	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 21:56	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 21:56	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 21:56	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 21:56	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-22 6-8**      **Lab ID: 40152907017**      Collected: 07/05/17 15:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 21:56	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 21:56	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 21:56	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 21:56	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	68-130		1	07/10/17 14:00	07/11/17 21:56	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-22 6-8**      **Lab ID: 40152907017**    Collected: 07/05/17 15:00    Received: 07/07/17 09:45    Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	108	%	68-149		1	07/10/17 14:00	07/11/17 21:56	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	07/10/17 14:00	07/11/17 21:56	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>11.5</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-23 2-4**      **Lab ID: 40152907018**      Collected: 07/03/17 15:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	5.4	mg/kg	5.2	1.1	1	07/11/17 09:28	07/12/17 12:29	7440-38-2	
Lead	104	mg/kg	1.3	0.45	1	07/11/17 09:28	07/12/17 12:29	7439-92-1	
Selenium	<1.1	mg/kg	5.2	1.1	1	07/11/17 09:28	07/12/17 12:29	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	109J	ug/kg	112	33.7	8	07/13/17 10:12	07/18/17 02:38	83-32-9	
Acenaphthylene	74.9J	ug/kg	95.5	28.6	8	07/13/17 10:12	07/18/17 02:38	208-96-8	
Anthracene	304	ug/kg	165	49.6	8	07/13/17 10:12	07/18/17 02:38	120-12-7	
Benzo(a)anthracene	671	ug/kg	92.1	27.5	8	07/13/17 10:12	07/18/17 02:38	56-55-3	
Benzo(a)pyrene	728	ug/kg	72.7	21.8	8	07/13/17 10:12	07/18/17 02:38	50-32-8	
Benzo(b)fluoranthene	691	ug/kg	81.7	24.5	8	07/13/17 10:12	07/18/17 02:38	205-99-2	
Benzo(g,h,i)perylene	474	ug/kg	58.8	17.7	8	07/13/17 10:12	07/18/17 02:38	191-24-2	
Benzo(k)fluoranthene	613	ug/kg	72.6	21.8	8	07/13/17 10:12	07/18/17 02:38	207-08-9	
Chrysene	773	ug/kg	97.3	29.3	8	07/13/17 10:12	07/18/17 02:38	218-01-9	
Dibenz(a,h)anthracene	170	ug/kg	64.7	19.4	8	07/13/17 10:12	07/18/17 02:38	53-70-3	
Fluoranthene	1440	ug/kg	151	45.2	8	07/13/17 10:12	07/18/17 02:38	206-44-0	
Fluorene	119J	ug/kg	120	36.0	8	07/13/17 10:12	07/18/17 02:38	86-73-7	
Indeno(1,2,3-cd)pyrene	433	ug/kg	63.7	19.1	8	07/13/17 10:12	07/18/17 02:38	193-39-5	
1-Methylnaphthalene	65.8J	ug/kg	116	34.9	8	07/13/17 10:12	07/18/17 02:38	90-12-0	
2-Methylnaphthalene	74.4J	ug/kg	145	43.4	8	07/13/17 10:12	07/18/17 02:38	91-57-6	
Naphthalene	117J	ug/kg	244	73.1	8	07/13/17 10:12	07/18/17 02:38	91-20-3	
Phenanthrene	1130	ug/kg	337	101	8	07/13/17 10:12	07/18/17 02:38	85-01-8	
Pyrene	1330	ug/kg	130	39.2	8	07/13/17 10:12	07/18/17 02:38	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	19-96		8	07/13/17 10:12	07/18/17 02:38	321-60-8	
Terphenyl-d14 (S)	52	%	31-98		8	07/13/17 10:12	07/18/17 02:38	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/10/17 14:00	07/11/17 22:19	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/10/17 14:00	07/11/17 22:19	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/10/17 14:00	07/11/17 22:19	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/10/17 14:00	07/11/17 22:19	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-23 2-4**      **Lab ID: 40152907018**      Collected: 07/03/17 15:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/10/17 14:00	07/11/17 22:19	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/10/17 14:00	07/11/17 22:19	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	79-00-5	W
Trichloroethene	51.7J	ug/kg	65.3	27.2	1	07/10/17 14:00	07/11/17 22:19	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/10/17 14:00	07/11/17 22:19	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/10/17 14:00	07/11/17 22:19	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	68-130		1	07/10/17 14:00	07/11/17 22:19	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-23 2-4**      **Lab ID: 40152907018**      Collected: 07/03/17 15:00      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	100	%	68-149		1	07/10/17 14:00	07/11/17 22:19	2037-26-5	
4-Bromofluorobenzene (S)	89	%	58-141		1	07/10/17 14:00	07/11/17 22:19	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>8.1</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-23 6-8**      **Lab ID: 40152907019**      Collected: 07/03/17 15:05      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1.2J	mg/kg	4.8	1.0	1	07/11/17 09:28	07/12/17 12:36	7440-38-2	
Lead	2.8	mg/kg	1.2	0.41	1	07/11/17 09:28	07/12/17 12:36	7439-92-1	
Selenium	<1.1	mg/kg	4.8	1.1	1	07/11/17 09:28	07/12/17 12:36	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.1	ug/kg	13.7	4.1	1	07/14/17 08:29	07/17/17 17:23	83-32-9	
Acenaphthylene	<3.5	ug/kg	11.7	3.5	1	07/14/17 08:29	07/17/17 17:23	208-96-8	
Anthracene	<6.1	ug/kg	20.2	6.1	1	07/14/17 08:29	07/17/17 17:23	120-12-7	
Benzo(a)anthracene	5.4J	ug/kg	11.3	3.4	1	07/14/17 08:29	07/17/17 17:23	56-55-3	
Benzo(a)pyrene	4.2J	ug/kg	8.9	2.7	1	07/14/17 08:29	07/17/17 17:23	50-32-8	
Benzo(b)fluoranthene	3.6J	ug/kg	10.0	3.0	1	07/14/17 08:29	07/17/17 17:23	205-99-2	
Benzo(g,h,i)perylene	2.3J	ug/kg	7.2	2.2	1	07/14/17 08:29	07/17/17 17:23	191-24-2	
Benzo(k)fluoranthene	3.7J	ug/kg	8.9	2.7	1	07/14/17 08:29	07/17/17 17:23	207-08-9	
Chrysene	6.0J	ug/kg	11.9	3.6	1	07/14/17 08:29	07/17/17 17:23	218-01-9	
Dibenz(a,h)anthracene	<2.4	ug/kg	7.9	2.4	1	07/14/17 08:29	07/17/17 17:23	53-70-3	
Fluoranthene	7.7J	ug/kg	18.5	5.5	1	07/14/17 08:29	07/17/17 17:23	206-44-0	
Fluorene	<4.4	ug/kg	14.7	4.4	1	07/14/17 08:29	07/17/17 17:23	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.3	ug/kg	7.8	2.3	1	07/14/17 08:29	07/17/17 17:23	193-39-5	
1-Methylnaphthalene	<4.3	ug/kg	14.2	4.3	1	07/14/17 08:29	07/17/17 17:23	90-12-0	
2-Methylnaphthalene	<5.3	ug/kg	17.8	5.3	1	07/14/17 08:29	07/17/17 17:23	91-57-6	
Naphthalene	<9.0	ug/kg	29.9	9.0	1	07/14/17 08:29	07/17/17 17:23	91-20-3	
Phenanthrene	<12.4	ug/kg	41.2	12.4	1	07/14/17 08:29	07/17/17 17:23	85-01-8	
Pyrene	6.4J	ug/kg	15.9	4.8	1	07/14/17 08:29	07/17/17 17:23	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	19-96		1	07/14/17 08:29	07/17/17 17:23	321-60-8	
Terphenyl-d14 (S)	64	%	31-98		1	07/14/17 08:29	07/17/17 17:23	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 13:26	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 13:26	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 13:26	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 13:26	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-23 6-8**      **Lab ID: 40152907019**      Collected: 07/03/17 15:05      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 13:26	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 13:26	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:26	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 13:26	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	68-130		1	07/11/17 08:00	07/11/17 13:26	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-23 6-8**      **Lab ID: 40152907019**      Collected: 07/03/17 15:05      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	121	%	68-149		1	07/11/17 08:00	07/11/17 13:26	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	07/11/17 08:00	07/11/17 13:26	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>6.1</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-23 12-14**      **Lab ID: 40152907020**      Collected: 07/03/17 15:10      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>2.7J</b>	mg/kg	5.8	1.2	1	07/11/17 09:28	07/12/17 12:39	7440-38-2	
Lead	<b>4.7</b>	mg/kg	1.5	0.50	1	07/11/17 09:28	07/12/17 12:39	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	5.8	1.3	1	07/11/17 09:28	07/12/17 12:39	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.7</b>	ug/kg	15.7	4.7	1	07/14/17 08:29	07/17/17 15:49	83-32-9	
Acenaphthylene	<b>&lt;4.0</b>	ug/kg	13.4	4.0	1	07/14/17 08:29	07/17/17 15:49	208-96-8	
Anthracene	<b>&lt;7.0</b>	ug/kg	23.2	7.0	1	07/14/17 08:29	07/17/17 15:49	120-12-7	
Benzo(a)anthracene	<b>&lt;3.9</b>	ug/kg	12.9	3.9	1	07/14/17 08:29	07/17/17 15:49	56-55-3	
Benzo(a)pyrene	<b>&lt;3.1</b>	ug/kg	10.2	3.1	1	07/14/17 08:29	07/17/17 15:49	50-32-8	
Benzo(b)fluoranthene	<b>&lt;3.4</b>	ug/kg	11.5	3.4	1	07/14/17 08:29	07/17/17 15:49	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;2.5</b>	ug/kg	8.3	2.5	1	07/14/17 08:29	07/17/17 15:49	191-24-2	
Benzo(k)fluoranthene	<b>&lt;3.1</b>	ug/kg	10.2	3.1	1	07/14/17 08:29	07/17/17 15:49	207-08-9	
Chrysene	<b>&lt;4.1</b>	ug/kg	13.7	4.1	1	07/14/17 08:29	07/17/17 15:49	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.7</b>	ug/kg	9.1	2.7	1	07/14/17 08:29	07/17/17 15:49	53-70-3	
Fluoranthene	<b>&lt;6.4</b>	ug/kg	21.2	6.4	1	07/14/17 08:29	07/17/17 15:49	206-44-0	
Fluorene	<b>&lt;5.0</b>	ug/kg	16.8	5.0	1	07/14/17 08:29	07/17/17 15:49	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.7</b>	ug/kg	8.9	2.7	1	07/14/17 08:29	07/17/17 15:49	193-39-5	
1-Methylnaphthalene	<b>&lt;4.9</b>	ug/kg	16.3	4.9	1	07/14/17 08:29	07/17/17 15:49	90-12-0	
2-Methylnaphthalene	<b>&lt;6.1</b>	ug/kg	20.4	6.1	1	07/14/17 08:29	07/17/17 15:49	91-57-6	
Naphthalene	<b>&lt;10.3</b>	ug/kg	34.3	10.3	1	07/14/17 08:29	07/17/17 15:49	91-20-3	
Phenanthrene	<b>&lt;14.2</b>	ug/kg	47.3	14.2	1	07/14/17 08:29	07/17/17 15:49	85-01-8	
Pyrene	<b>&lt;5.5</b>	ug/kg	18.3	5.5	1	07/14/17 08:29	07/17/17 15:49	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	50	%	19-96		1	07/14/17 08:29	07/17/17 15:49	321-60-8	
Terphenyl-d14 (S)	54	%	31-98		1	07/14/17 08:29	07/17/17 15:49	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 14:11	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 14:11	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 14:11	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 14:11	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-23 12-14**      **Lab ID: 40152907020**      Collected: 07/03/17 15:10      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 14:11	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 14:11	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:11	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 14:11	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	68-130		1	07/11/17 08:00	07/11/17 14:11	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-23 12-14**      **Lab ID: 40152907020**      Collected: 07/03/17 15:10      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	116	%	68-149		1	07/11/17 08:00	07/11/17 14:11	2037-26-5	
4-Bromofluorobenzene (S)	100	%	58-141		1	07/11/17 08:00	07/11/17 14:11	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>18.2</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-24 2-4**      **Lab ID: 40152907021**      Collected: 07/03/17 15:20      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.1J	mg/kg	5.2	1.1	1	07/11/17 09:28	07/12/17 12:41	7440-38-2	
Lead	30.1	mg/kg	1.4	0.45	1	07/11/17 09:28	07/12/17 12:41	7439-92-1	
Selenium	<1.2	mg/kg	5.2	1.2	1	07/11/17 09:28	07/12/17 12:41	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.2	ug/kg	13.8	4.2	1	07/14/17 08:29	07/18/17 06:24	83-32-9	
Acenaphthylene	5.0J	ug/kg	11.8	3.5	1	07/14/17 08:29	07/18/17 06:24	208-96-8	
Anthracene	11.5J	ug/kg	20.4	6.1	1	07/14/17 08:29	07/18/17 06:24	120-12-7	
Benzo(a)anthracene	30.6	ug/kg	11.4	3.4	1	07/14/17 08:29	07/18/17 06:24	56-55-3	
Benzo(a)pyrene	31.1	ug/kg	9.0	2.7	1	07/14/17 08:29	07/18/17 06:24	50-32-8	
Benzo(b)fluoranthene	25.6	ug/kg	10.1	3.0	1	07/14/17 08:29	07/18/17 06:24	205-99-2	
Benzo(g,h,i)perylene	17.8	ug/kg	7.3	2.2	1	07/14/17 08:29	07/18/17 06:24	191-24-2	
Benzo(k)fluoranthene	29.7	ug/kg	9.0	2.7	1	07/14/17 08:29	07/18/17 06:24	207-08-9	
Chrysene	35.7	ug/kg	12.0	3.6	1	07/14/17 08:29	07/18/17 06:24	218-01-9	
Dibenz(a,h)anthracene	6.8J	ug/kg	8.0	2.4	1	07/14/17 08:29	07/18/17 06:24	53-70-3	
Fluoranthene	49.0	ug/kg	18.7	5.6	1	07/14/17 08:29	07/18/17 06:24	206-44-0	
Fluorene	<4.4	ug/kg	14.8	4.4	1	07/14/17 08:29	07/18/17 06:24	86-73-7	
Indeno(1,2,3-cd)pyrene	16.1	ug/kg	7.9	2.4	1	07/14/17 08:29	07/18/17 06:24	193-39-5	
1-Methylnaphthalene	5.8J	ug/kg	14.4	4.3	1	07/14/17 08:29	07/18/17 06:24	90-12-0	
2-Methylnaphthalene	7.7J	ug/kg	17.9	5.4	1	07/14/17 08:29	07/18/17 06:24	91-57-6	
Naphthalene	<9.0	ug/kg	30.2	9.0	1	07/14/17 08:29	07/18/17 06:24	91-20-3	
Phenanthrene	34.7J	ug/kg	41.6	12.5	1	07/14/17 08:29	07/18/17 06:24	85-01-8	
Pyrene	50.7	ug/kg	16.1	4.8	1	07/14/17 08:29	07/18/17 06:24	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	19-96		1	07/14/17 08:29	07/18/17 06:24	321-60-8	
Terphenyl-d14 (S)	69	%	31-98		1	07/14/17 08:29	07/18/17 06:24	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 14:34	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 14:34	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 14:34	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 14:34	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-24 2-4**      **Lab ID: 40152907021**      Collected: 07/03/17 15:20      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 14:34	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 14:34	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:34	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 14:34	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	114	%	68-130		1	07/11/17 08:00	07/11/17 14:34	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-24 2-4**      **Lab ID: 40152907021**      Collected: 07/03/17 15:20      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	119	%	68-149		1	07/11/17 08:00	07/11/17 14:34	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	07/11/17 08:00	07/11/17 14:34	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>6.9</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-24 4-6**      **Lab ID: 40152907022**      Collected: 07/03/17 15:25      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>5.7J</b>	mg/kg	5.8	1.2	1	07/11/17 09:28	07/12/17 12:43	7440-38-2	
Lead	<b>55.3</b>	mg/kg	1.5	0.50	1	07/11/17 09:28	07/12/17 12:43	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	5.8	1.3	1	07/11/17 09:28	07/12/17 12:43	7782-49-2	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>73.8</b>	ug/kg	30.0	9.0	2	07/14/17 08:29	07/18/17 06:42	83-32-9	
Acenaphthylene	<b>10J</b>	ug/kg	25.6	7.7	2	07/14/17 08:29	07/18/17 06:42	208-96-8	
Anthracene	<b>154</b>	ug/kg	44.1	13.3	2	07/14/17 08:29	07/18/17 06:42	120-12-7	
Benzo(a)anthracene	<b>220</b>	ug/kg	24.6	7.4	2	07/14/17 08:29	07/18/17 06:42	56-55-3	
Benzo(a)pyrene	<b>192</b>	ug/kg	19.4	5.8	2	07/14/17 08:29	07/18/17 06:42	50-32-8	
Benzo(b)fluoranthene	<b>143</b>	ug/kg	21.9	6.6	2	07/14/17 08:29	07/18/17 06:42	205-99-2	
Benzo(g,h,i)perylene	<b>88.0</b>	ug/kg	15.7	4.7	2	07/14/17 08:29	07/18/17 06:42	191-24-2	
Benzo(k)fluoranthene	<b>205</b>	ug/kg	19.4	5.8	2	07/14/17 08:29	07/18/17 06:42	207-08-9	
Chrysene	<b>237</b>	ug/kg	26.0	7.8	2	07/14/17 08:29	07/18/17 06:42	218-01-9	
Dibenz(a,h)anthracene	<b>38.2</b>	ug/kg	17.3	5.2	2	07/14/17 08:29	07/18/17 06:42	53-70-3	
Fluoranthene	<b>540</b>	ug/kg	40.4	12.1	2	07/14/17 08:29	07/18/17 06:42	206-44-0	
Fluorene	<b>87.3</b>	ug/kg	32.1	9.6	2	07/14/17 08:29	07/18/17 06:42	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>90.4</b>	ug/kg	17.0	5.1	2	07/14/17 08:29	07/18/17 06:42	193-39-5	
1-Methylnaphthalene	<b>36.5</b>	ug/kg	31.1	9.3	2	07/14/17 08:29	07/18/17 06:42	90-12-0	
2-Methylnaphthalene	<b>48.7</b>	ug/kg	38.8	11.6	2	07/14/17 08:29	07/18/17 06:42	91-57-6	
Naphthalene	<b>80.5</b>	ug/kg	65.3	19.6	2	07/14/17 08:29	07/18/17 06:42	91-20-3	
Phenanthrene	<b>533</b>	ug/kg	90.1	27.1	2	07/14/17 08:29	07/18/17 06:42	85-01-8	
Pyrene	<b>473</b>	ug/kg	34.8	10.5	2	07/14/17 08:29	07/18/17 06:42	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	19-96		2	07/14/17 08:29	07/18/17 06:42	321-60-8	
Terphenyl-d14 (S)	71	%	31-98		2	07/14/17 08:29	07/18/17 06:42	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 14:56	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 14:56	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 14:56	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 14:56	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-24 4-6**      **Lab ID: 40152907022**      Collected: 07/03/17 15:25      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 14:56	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 14:56	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 14:56	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 14:56	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	68-130		1	07/11/17 08:00	07/11/17 14:56	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-24 4-6**      **Lab ID: 40152907022**      Collected: 07/03/17 15:25      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	113	%	68-149		1	07/11/17 08:00	07/11/17 14:56	2037-26-5	
4-Bromofluorobenzene (S)	94	%	58-141		1	07/11/17 08:00	07/11/17 14:56	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>13.9</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-24 8-10**      **Lab ID: 40152907023**      Collected: 07/03/17 15:30      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>5.0J</b>	mg/kg	6.0	1.3	1	07/11/17 09:28	07/12/17 12:46	7440-38-2	
Lead	<b>8.7</b>	mg/kg	1.6	0.52	1	07/11/17 09:28	07/12/17 12:46	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	6.0	1.3	1	07/11/17 09:28	07/12/17 12:46	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.8</b>	ug/kg	15.8	4.8	1	07/14/17 08:29	07/17/17 16:07	83-32-9	
Acenaphthylene	<b>&lt;4.0</b>	ug/kg	13.5	4.0	1	07/14/17 08:29	07/17/17 16:07	208-96-8	
Anthracene	<b>&lt;7.0</b>	ug/kg	23.3	7.0	1	07/14/17 08:29	07/17/17 16:07	120-12-7	
Benzo(a)anthracene	<b>&lt;3.9</b>	ug/kg	13.0	3.9	1	07/14/17 08:29	07/17/17 16:07	56-55-3	
Benzo(a)pyrene	<b>&lt;3.1</b>	ug/kg	10.3	3.1	1	07/14/17 08:29	07/17/17 16:07	50-32-8	
Benzo(b)fluoranthene	<b>&lt;3.5</b>	ug/kg	11.5	3.5	1	07/14/17 08:29	07/17/17 16:07	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;2.5</b>	ug/kg	8.3	2.5	1	07/14/17 08:29	07/17/17 16:07	191-24-2	
Benzo(k)fluoranthene	<b>&lt;3.1</b>	ug/kg	10.2	3.1	1	07/14/17 08:29	07/17/17 16:07	207-08-9	
Chrysene	<b>&lt;4.1</b>	ug/kg	13.7	4.1	1	07/14/17 08:29	07/17/17 16:07	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.7</b>	ug/kg	9.1	2.7	1	07/14/17 08:29	07/17/17 16:07	53-70-3	
Fluoranthene	<b>&lt;6.4</b>	ug/kg	21.3	6.4	1	07/14/17 08:29	07/17/17 16:07	206-44-0	
Fluorene	<b>&lt;5.1</b>	ug/kg	16.9	5.1	1	07/14/17 08:29	07/17/17 16:07	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;2.7</b>	ug/kg	9.0	2.7	1	07/14/17 08:29	07/17/17 16:07	193-39-5	
1-Methylnaphthalene	<b>&lt;4.9</b>	ug/kg	16.4	4.9	1	07/14/17 08:29	07/17/17 16:07	90-12-0	
2-Methylnaphthalene	<b>&lt;6.1</b>	ug/kg	20.5	6.1	1	07/14/17 08:29	07/17/17 16:07	91-57-6	
Naphthalene	<b>&lt;10.3</b>	ug/kg	34.4	10.3	1	07/14/17 08:29	07/17/17 16:07	91-20-3	
Phenanthrene	<b>&lt;14.3</b>	ug/kg	47.5	14.3	1	07/14/17 08:29	07/17/17 16:07	85-01-8	
Pyrene	<b>&lt;5.5</b>	ug/kg	18.4	5.5	1	07/14/17 08:29	07/17/17 16:07	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	19-96		1	07/14/17 08:29	07/17/17 16:07	321-60-8	
Terphenyl-d14 (S)	77	%	31-98		1	07/14/17 08:29	07/17/17 16:07	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 15:19	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 15:19	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 15:19	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 15:19	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-24 8-10 Lab ID: 40152907023 Collected: 07/03/17 15:30 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 15:19	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 15:19	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:19	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 15:19	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	68-130		1	07/11/17 08:00	07/11/17 15:19	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-24 8-10**      **Lab ID: 40152907023**      Collected: 07/03/17 15:30      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	68-149		1	07/11/17 08:00	07/11/17 15:19	2037-26-5	
4-Bromofluorobenzene (S)	87	%	58-141		1	07/11/17 08:00	07/11/17 15:19	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>18.5</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-25 6-8**      **Lab ID: 40152907024**      Collected: 07/05/17 09:35      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	16.1	mg/kg	5.2	1.1	1	07/11/17 09:28	07/12/17 12:48	7440-38-2	
Lead	496	mg/kg	1.3	0.45	1	07/11/17 09:28	07/12/17 12:48	7439-92-1	
Selenium	<1.1	mg/kg	5.2	1.1	1	07/11/17 09:28	07/12/17 12:48	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	46.6J	ug/kg	113	34.1	8	07/14/17 08:29	07/20/17 14:36	83-32-9	
Acenaphthylene	42.7J	ug/kg	96.8	29.0	8	07/14/17 08:29	07/20/17 14:36	208-96-8	
Anthracene	188	ug/kg	167	50.2	8	07/14/17 08:29	07/20/17 14:36	120-12-7	
Benzo(a)anthracene	534	ug/kg	93.2	27.9	8	07/14/17 08:29	07/20/17 14:36	56-55-3	
Benzo(a)pyrene	537	ug/kg	73.6	22.1	8	07/14/17 08:29	07/20/17 14:36	50-32-8	
Benzo(b)fluoranthene	417	ug/kg	82.8	24.8	8	07/14/17 08:29	07/20/17 14:36	205-99-2	
Benzo(g,h,i)perylene	394	ug/kg	59.6	17.9	8	07/14/17 08:29	07/20/17 14:36	191-24-2	
Benzo(k)fluoranthene	502	ug/kg	73.5	22.1	8	07/14/17 08:29	07/20/17 14:36	207-08-9	
Chrysene	578	ug/kg	98.5	29.7	8	07/14/17 08:29	07/20/17 14:36	218-01-9	
Dibenz(a,h)anthracene	138	ug/kg	65.5	19.7	8	07/14/17 08:29	07/20/17 14:36	53-70-3	
Fluoranthene	1080	ug/kg	153	45.8	8	07/14/17 08:29	07/20/17 14:36	206-44-0	
Fluorene	51.5J	ug/kg	121	36.4	8	07/14/17 08:29	07/20/17 14:36	86-73-7	
Indeno(1,2,3-cd)pyrene	335	ug/kg	64.5	19.3	8	07/14/17 08:29	07/20/17 14:36	193-39-5	
1-Methylnaphthalene	<35.4	ug/kg	118	35.4	8	07/14/17 08:29	07/20/17 14:36	90-12-0	
2-Methylnaphthalene	<44.0	ug/kg	147	44.0	8	07/14/17 08:29	07/20/17 14:36	91-57-6	
Naphthalene	<74.1	ug/kg	247	74.1	8	07/14/17 08:29	07/20/17 14:36	91-20-3	
Phenanthrene	626	ug/kg	341	102	8	07/14/17 08:29	07/20/17 14:36	85-01-8	
Pyrene	953	ug/kg	132	39.7	8	07/14/17 08:29	07/20/17 14:36	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	29	%	19-96		8	07/14/17 08:29	07/20/17 14:36	321-60-8	
Terphenyl-d14 (S)	31	%	31-98		8	07/14/17 08:29	07/20/17 14:36	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	77.6	ug/kg	65.9	27.4	1	07/11/17 08:00	07/11/17 15:41	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 15:41	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 15:41	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 15:41	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 15:41	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-25 6-8**      **Lab ID: 40152907024**      Collected: 07/05/17 09:35      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	1634-04-4	W
Naphthalene	92.2J	ug/kg	274	44.0	1	07/11/17 08:00	07/11/17 15:41	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	127-18-4	W
Toluene	44.2J	ug/kg	65.9	27.4	1	07/11/17 08:00	07/11/17 15:41	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 15:41	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	96-18-4	W
1,2,4-Trimethylbenzene	37.5J	ug/kg	65.9	27.4	1	07/11/17 08:00	07/11/17 15:41	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 15:41	75-01-4	W
Xylene (Total)	94.7J	ug/kg	198	82.3	1	07/11/17 08:00	07/11/17 15:41	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	07/11/17 08:00	07/11/17 15:41	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-25 6-8**      **Lab ID: 40152907024**    Collected: 07/05/17 09:35    Received: 07/07/17 09:45    Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	112	%	68-149		1	07/11/17 08:00	07/11/17 15:41	2037-26-5	
4-Bromofluorobenzene (S)	94	%	58-141		1	07/11/17 08:00	07/11/17 15:41	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>8.9</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-25 10-12 Lab ID: 40152907025 Collected: 07/05/17 09:40 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	9.7	mg/kg	5.8	1.2	1	07/11/17 09:28	07/12/17 12:51	7440-38-2	
Lead	216	mg/kg	1.5	0.50	1	07/11/17 09:28	07/12/17 12:51	7439-92-1	
Selenium	<1.3	mg/kg	5.8	1.3	1	07/11/17 09:28	07/12/17 12:51	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	40.0	ug/kg	33.4	10.1	2	07/14/17 08:29	07/18/17 07:16	83-32-9	
Acenaphthylene	41.0	ug/kg	28.5	8.5	2	07/14/17 08:29	07/18/17 07:16	208-96-8	
Anthracene	159	ug/kg	49.2	14.8	2	07/14/17 08:29	07/18/17 07:16	120-12-7	
Benzo(a)anthracene	283	ug/kg	27.5	8.2	2	07/14/17 08:29	07/18/17 07:16	56-55-3	
Benzo(a)pyrene	277	ug/kg	21.7	6.5	2	07/14/17 08:29	07/18/17 07:16	50-32-8	
Benzo(b)fluoranthene	233	ug/kg	24.4	7.3	2	07/14/17 08:29	07/18/17 07:16	205-99-2	
Benzo(g,h,i)perylene	132	ug/kg	17.5	5.3	2	07/14/17 08:29	07/18/17 07:16	191-24-2	
Benzo(k)fluoranthene	246	ug/kg	21.7	6.5	2	07/14/17 08:29	07/18/17 07:16	207-08-9	
Chrysene	308	ug/kg	29.0	8.7	2	07/14/17 08:29	07/18/17 07:16	218-01-9	
Dibenz(a,h)anthracene	57.4	ug/kg	19.3	5.8	2	07/14/17 08:29	07/18/17 07:16	53-70-3	
Fluoranthene	551	ug/kg	45.1	13.5	2	07/14/17 08:29	07/18/17 07:16	206-44-0	
Fluorene	48.4	ug/kg	35.7	10.7	2	07/14/17 08:29	07/18/17 07:16	86-73-7	
Indeno(1,2,3-cd)pyrene	130	ug/kg	19.0	5.7	2	07/14/17 08:29	07/18/17 07:16	193-39-5	
1-Methylnaphthalene	36.5	ug/kg	34.7	10.4	2	07/14/17 08:29	07/18/17 07:16	90-12-0	
2-Methylnaphthalene	48.8	ug/kg	43.2	13.0	2	07/14/17 08:29	07/18/17 07:16	91-57-6	
Naphthalene	62.3J	ug/kg	72.8	21.8	2	07/14/17 08:29	07/18/17 07:16	91-20-3	
Phenanthrene	535	ug/kg	100	30.2	2	07/14/17 08:29	07/18/17 07:16	85-01-8	
Pyrene	491	ug/kg	38.8	11.7	2	07/14/17 08:29	07/18/17 07:16	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	42	%	19-96		2	07/14/17 08:29	07/18/17 07:16	321-60-8	
Terphenyl-d14 (S)	46	%	31-98		2	07/14/17 08:29	07/18/17 07:16	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 16:04	74-83-9	W
n-Butylbenzene	56.0J	ug/kg	77.8	32.4	1	07/11/17 08:00	07/11/17 16:04	104-51-8	
sec-Butylbenzene	34.2J	ug/kg	77.8	32.4	1	07/11/17 08:00	07/11/17 16:04	135-98-8	
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 16:04	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 16:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 16:04	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-25 10-12**      **Lab ID: 40152907025**      Collected: 07/05/17 09:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	98-82-8	W
p-Isopropyltoluene	48.2J	ug/kg	77.8	32.4	1	07/11/17 08:00	07/11/17 16:04	99-87-6	
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	1634-04-4	W
Naphthalene	73.8J	ug/kg	324	51.9	1	07/11/17 08:00	07/11/17 16:04	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 16:04	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:04	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 16:04	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	68-130		1	07/11/17 08:00	07/11/17 16:04	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-25 10-12**      **Lab ID: 40152907025**      Collected: 07/05/17 09:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	104	%	68-149		1	07/11/17 08:00	07/11/17 16:04	2037-26-5	
4-Bromofluorobenzene (S)	86	%	58-141		1	07/11/17 08:00	07/11/17 16:04	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>22.9</b>	%	0.10	0.10	1		07/12/17 09:46		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-25 16-18**      **Lab ID: 40152907026**      Collected: 07/05/17 09:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.7	mg/kg	6.6	1.4	1	07/11/17 09:28	07/12/17 14:44	7440-38-2	
Lead	141	mg/kg	1.7	0.57	1	07/11/17 09:28	07/12/17 14:44	7439-92-1	
Selenium	<1.5	mg/kg	6.6	1.5	1	07/11/17 09:28	07/12/17 14:44	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	498	ug/kg	357	108	20	07/14/17 08:29	07/17/17 17:05	83-32-9	
Acenaphthylene	140J	ug/kg	305	91.3	20	07/14/17 08:29	07/17/17 17:05	208-96-8	
Anthracene	1110	ug/kg	527	158	20	07/14/17 08:29	07/17/17 17:05	120-12-7	
Benzo(a)anthracene	1670	ug/kg	294	87.9	20	07/14/17 08:29	07/17/17 17:05	56-55-3	
Benzo(a)pyrene	1820	ug/kg	232	69.6	20	07/14/17 08:29	07/17/17 17:05	50-32-8	
Benzo(b)fluoranthene	1350	ug/kg	261	78.3	20	07/14/17 08:29	07/17/17 17:05	205-99-2	
Benzo(g,h,i)perylene	1340	ug/kg	188	56.3	20	07/14/17 08:29	07/17/17 17:05	191-24-2	
Benzo(k)fluoranthene	1630	ug/kg	232	69.5	20	07/14/17 08:29	07/17/17 17:05	207-08-9	
Chrysene	1810	ug/kg	310	93.4	20	07/14/17 08:29	07/17/17 17:05	218-01-9	
Dibenz(a,h)anthracene	497	ug/kg	206	62.0	20	07/14/17 08:29	07/17/17 17:05	53-70-3	
Fluoranthene	3760	ug/kg	482	144	20	07/14/17 08:29	07/17/17 17:05	206-44-0	
Fluorene	508	ug/kg	382	115	20	07/14/17 08:29	07/17/17 17:05	86-73-7	
Indeno(1,2,3-cd)pyrene	1180	ug/kg	203	60.9	20	07/14/17 08:29	07/17/17 17:05	193-39-5	
1-Methylnaphthalene	280J	ug/kg	371	111	20	07/14/17 08:29	07/17/17 17:05	90-12-0	
2-Methylnaphthalene	270J	ug/kg	463	139	20	07/14/17 08:29	07/17/17 17:05	91-57-6	
Naphthalene	568J	ug/kg	779	233	20	07/14/17 08:29	07/17/17 17:05	91-20-3	
Phenanthrene	3640	ug/kg	1080	323	20	07/14/17 08:29	07/17/17 17:05	85-01-8	
Pyrene	3170	ug/kg	416	125	20	07/14/17 08:29	07/17/17 17:05	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	48	%	19-96		20	07/14/17 08:29	07/17/17 17:05	321-60-8	
Terphenyl-d14 (S)	48	%	31-98		20	07/14/17 08:29	07/17/17 17:05	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 16:26	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 16:26	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 16:26	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 16:26	96-12-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-25 16-18**      **Lab ID: 40152907026**      Collected: 07/05/17 09:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	1634-04-4	W
Naphthalene	172J	ug/kg	347	55.6	1	07/11/17 08:00	07/11/17 16:26	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	127-18-4	W
Toluene	123	ug/kg	83.2	34.7	1	07/11/17 08:00	07/11/17 16:26	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 16:26	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:26	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 16:26	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	93	%	68-130		1	07/11/17 08:00	07/11/17 16:26	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-25 16-18**      **Lab ID: 40152907026**      Collected: 07/05/17 09:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	104	%	68-149		1	07/11/17 08:00	07/11/17 16:26	2037-26-5	
4-Bromofluorobenzene (S)	84	%	58-141		1	07/11/17 08:00	07/11/17 16:26	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>27.9</b>	%	0.10	0.10	1		07/12/17 09:47		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-25 18-20**      **Lab ID: 40152907027**      Collected: 07/05/17 09:50      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	<b>1.9J</b>	mg/kg	5.8	1.2	1	07/11/17 09:28	07/12/17 12:55	7440-38-2	
Lead	<b>5.2</b>	mg/kg	1.5	0.50	1	07/11/17 09:28	07/12/17 12:55	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	5.8	1.3	1	07/11/17 09:28	07/12/17 12:55	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<b>35.1</b>	ug/kg	14.9	4.5	1	07/17/17 08:38	07/18/17 13:12	83-32-9	
Acenaphthylene	<b>&lt;3.8</b>	ug/kg	12.7	3.8	1	07/17/17 08:38	07/18/17 13:12	208-96-8	
Anthracene	<b>16.0J</b>	ug/kg	21.9	6.6	1	07/17/17 08:38	07/18/17 13:12	120-12-7	
Benzo(a)anthracene	<b>18.8</b>	ug/kg	12.2	3.7	1	07/17/17 08:38	07/18/17 13:12	56-55-3	
Benzo(a)pyrene	<b>18.2</b>	ug/kg	9.7	2.9	1	07/17/17 08:38	07/18/17 13:12	50-32-8	
Benzo(b)fluoranthene	<b>13.0</b>	ug/kg	10.9	3.3	1	07/17/17 08:38	07/18/17 13:12	205-99-2	
Benzo(g,h,i)perylene	<b>12.2</b>	ug/kg	7.8	2.3	1	07/17/17 08:38	07/18/17 13:12	191-24-2	
Benzo(k)fluoranthene	<b>14.9</b>	ug/kg	9.7	2.9	1	07/17/17 08:38	07/18/17 13:12	207-08-9	
Chrysene	<b>19.7</b>	ug/kg	12.9	3.9	1	07/17/17 08:38	07/18/17 13:12	218-01-9	
Dibenz(a,h)anthracene	<b>3.6J</b>	ug/kg	8.6	2.6	1	07/17/17 08:38	07/18/17 13:12	53-70-3	L1
Fluoranthene	<b>45.7</b>	ug/kg	20.1	6.0	1	07/17/17 08:38	07/18/17 13:12	206-44-0	
Fluorene	<b>7.5J</b>	ug/kg	15.9	4.8	1	07/17/17 08:38	07/18/17 13:12	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>10.3</b>	ug/kg	8.5	2.5	1	07/17/17 08:38	07/18/17 13:12	193-39-5	
1-Methylnaphthalene	<b>&lt;4.6</b>	ug/kg	15.5	4.6	1	07/17/17 08:38	07/18/17 13:12	90-12-0	
2-Methylnaphthalene	<b>&lt;5.8</b>	ug/kg	19.3	5.8	1	07/17/17 08:38	07/18/17 13:12	91-57-6	
Naphthalene	<b>&lt;9.7</b>	ug/kg	32.5	9.7	1	07/17/17 08:38	07/18/17 13:12	91-20-3	
Phenanthrene	<b>46.5</b>	ug/kg	44.8	13.5	1	07/17/17 08:38	07/18/17 13:12	85-01-8	
Pyrene	<b>40.7</b>	ug/kg	17.3	5.2	1	07/17/17 08:38	07/18/17 13:12	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	19-96		1	07/17/17 08:38	07/18/17 13:12	321-60-8	
Terphenyl-d14 (S)	72	%	31-98		1	07/17/17 08:38	07/18/17 13:12	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 20:20	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 20:20	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 20:20	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 20:20	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-25 18-20 Lab ID: 40152907027 Collected: 07/05/17 09:50 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 20:20	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 20:20	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:20	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 20:20	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	68-130		1	07/11/17 08:00	07/11/17 20:20	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-25 18-20**      **Lab ID: 40152907027**      Collected: 07/05/17 09:50      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	110	%	68-149		1	07/11/17 08:00	07/11/17 20:20	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	07/11/17 08:00	07/11/17 20:20	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>13.4</b>	%	0.10	0.10	1		07/12/17 09:47		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-26 2-4 Lab ID: 40152907028 Collected: 07/05/17 15:30 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.8	mg/kg	5.7	1.2	1	07/11/17 09:28	07/12/17 12:58	7440-38-2	
Lead	66.2	mg/kg	1.5	0.50	1	07/11/17 09:28	07/12/17 12:58	7439-92-1	
Selenium	<1.3	mg/kg	5.7	1.3	1	07/11/17 09:28	07/12/17 12:58	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	42.7J	ug/kg	77.2	23.2	5	07/17/17 08:38	07/19/17 12:11	83-32-9	
Acenaphthylene	27.6J	ug/kg	65.8	19.7	5	07/17/17 08:38	07/19/17 12:11	208-96-8	
Anthracene	142	ug/kg	114	34.2	5	07/17/17 08:38	07/19/17 12:11	120-12-7	
Benzo(a)anthracene	418	ug/kg	63.4	19.0	5	07/17/17 08:38	07/19/17 12:11	56-55-3	
Benzo(a)pyrene	413	ug/kg	50.1	15.0	5	07/17/17 08:38	07/19/17 12:11	50-32-8	
Benzo(b)fluoranthene	310	ug/kg	56.3	16.9	5	07/17/17 08:38	07/19/17 12:11	205-99-2	
Benzo(g,h,i)perylene	275	ug/kg	40.5	12.2	5	07/17/17 08:38	07/19/17 12:11	191-24-2	
Benzo(k)fluoranthene	423	ug/kg	50.0	15.0	5	07/17/17 08:38	07/19/17 12:11	207-08-9	
Chrysene	467	ug/kg	67.0	20.2	5	07/17/17 08:38	07/19/17 12:11	218-01-9	
Dibenz(a,h)anthracene	102	ug/kg	44.6	13.4	5	07/17/17 08:38	07/19/17 12:11	53-70-3	L1
Fluoranthene	894	ug/kg	104	31.1	5	07/17/17 08:38	07/19/17 12:11	206-44-0	
Fluorene	40.1J	ug/kg	82.5	24.8	5	07/17/17 08:38	07/19/17 12:11	86-73-7	
Indeno(1,2,3-cd)pyrene	252	ug/kg	43.8	13.2	5	07/17/17 08:38	07/19/17 12:11	193-39-5	
1-Methylnaphthalene	205	ug/kg	80.1	24.1	5	07/17/17 08:38	07/19/17 12:11	90-12-0	
2-Methylnaphthalene	290	ug/kg	99.9	29.9	5	07/17/17 08:38	07/19/17 12:11	91-57-6	
Naphthalene	187	ug/kg	168	50.4	5	07/17/17 08:38	07/19/17 12:11	91-20-3	
Phenanthrene	632	ug/kg	232	69.7	5	07/17/17 08:38	07/19/17 12:11	85-01-8	
Pyrene	769	ug/kg	89.7	27.0	5	07/17/17 08:38	07/19/17 12:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	19-96		5	07/17/17 08:38	07/19/17 12:11	321-60-8	
Terphenyl-d14 (S)	68	%	31-98		5	07/17/17 08:38	07/19/17 12:11	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 20:42	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 20:42	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 20:42	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 20:42	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Sample: B-26 2-4 Lab ID: 40152907028 Collected: 07/05/17 15:30 Received: 07/07/17 09:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	1634-04-4	W
Naphthalene	78.4J	ug/kg	299	47.9	1	07/11/17 08:00	07/11/17 20:42	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 20:42	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 20:42	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 20:42	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	68-130		1	07/11/17 08:00	07/11/17 20:42	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-26 2-4**      **Lab ID: 40152907028**      Collected: 07/05/17 15:30      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	115	%	68-149		1	07/11/17 08:00	07/11/17 20:42	2037-26-5	
4-Bromofluorobenzene (S)	94	%	58-141		1	07/11/17 08:00	07/11/17 20:42	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>16.3</b>	%	0.10	0.10	1		07/12/17 09:47		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-26 6-8**      **Lab ID: 40152907029**      Collected: 07/05/17 15:35      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>5.8J</b>	mg/kg	5.8	1.2	1	07/11/17 09:28	07/12/17 13:05	7440-38-2	
Lead	<b>45.6</b>	mg/kg	1.5	0.51	1	07/11/17 09:28	07/12/17 13:05	7439-92-1	
Selenium	<b>&lt;1.3</b>	mg/kg	5.8	1.3	1	07/11/17 09:28	07/12/17 13:05	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>117J</b>	ug/kg	307	92.5	20	07/17/17 08:38	07/19/17 13:03	83-32-9	
Acenaphthylene	<b>303</b>	ug/kg	262	78.5	20	07/17/17 08:38	07/19/17 13:03	208-96-8	
Anthracene	<b>441J</b>	ug/kg	453	136	20	07/17/17 08:38	07/19/17 13:03	120-12-7	
Benzo(a)anthracene	<b>1290</b>	ug/kg	253	75.6	20	07/17/17 08:38	07/19/17 13:03	56-55-3	
Benzo(a)pyrene	<b>1840</b>	ug/kg	199	59.9	20	07/17/17 08:38	07/19/17 13:03	50-32-8	
Benzo(b)fluoranthene	<b>1450</b>	ug/kg	224	67.3	20	07/17/17 08:38	07/19/17 13:03	205-99-2	
Benzo(g,h,i)perylene	<b>1320</b>	ug/kg	161	48.4	20	07/17/17 08:38	07/19/17 13:03	191-24-2	
Benzo(k)fluoranthene	<b>1760</b>	ug/kg	199	59.8	20	07/17/17 08:38	07/19/17 13:03	207-08-9	
Chrysene	<b>2000</b>	ug/kg	267	80.4	20	07/17/17 08:38	07/19/17 13:03	218-01-9	
Dibenz(a,h)anthracene	<b>398</b>	ug/kg	178	53.3	20	07/17/17 08:38	07/19/17 13:03	53-70-3	L1
Fluoranthene	<b>4480</b>	ug/kg	415	124	20	07/17/17 08:38	07/19/17 13:03	206-44-0	
Fluorene	<b>186J</b>	ug/kg	329	98.6	20	07/17/17 08:38	07/19/17 13:03	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>1200</b>	ug/kg	175	52.4	20	07/17/17 08:38	07/19/17 13:03	193-39-5	
1-Methylnaphthalene	<b>209J</b>	ug/kg	319	95.9	20	07/17/17 08:38	07/19/17 13:03	90-12-0	
2-Methylnaphthalene	<b>265J</b>	ug/kg	398	119	20	07/17/17 08:38	07/19/17 13:03	91-57-6	
Naphthalene	<b>333J</b>	ug/kg	670	201	20	07/17/17 08:38	07/19/17 13:03	91-20-3	
Phenanthrene	<b>3650</b>	ug/kg	925	278	20	07/17/17 08:38	07/19/17 13:03	85-01-8	
Pyrene	<b>3510</b>	ug/kg	357	108	20	07/17/17 08:38	07/19/17 13:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	19-96		20	07/17/17 08:38	07/19/17 13:03	321-60-8	
Terphenyl-d14 (S)	62	%	31-98		20	07/17/17 08:38	07/19/17 13:03	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 21:05	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 21:05	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 21:05	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 21:05	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-26 6-8**      **Lab ID: 40152907029**      Collected: 07/05/17 15:35      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 21:05	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 21:05	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 21:05	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 21:05	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	68-130		1	07/11/17 08:00	07/11/17 21:05	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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**Sample: B-26 6-8**      **Lab ID: 40152907029**      Collected: 07/05/17 15:35      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	117	%	68-149		1	07/11/17 08:00	07/11/17 21:05	2037-26-5	
4-Bromofluorobenzene (S)	97	%	58-141		1	07/11/17 08:00	07/11/17 21:05	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>16.2</b>	%	0.10	0.10	1		07/12/17 09:47		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-26 10-12**      **Lab ID: 40152907030**      Collected: 07/05/17 15:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.2	mg/kg	5.8	1.2	1	07/11/17 09:28	07/12/17 13:07	7440-38-2	
Lead	11.3	mg/kg	1.5	0.50	1	07/11/17 09:28	07/12/17 13:07	7439-92-1	
Selenium	<1.3	mg/kg	5.8	1.3	1	07/11/17 09:28	07/12/17 13:07	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<5.1	ug/kg	17.0	5.1	1	07/17/17 08:38	07/18/17 12:37	83-32-9	
Acenaphthylene	<4.3	ug/kg	14.5	4.3	1	07/17/17 08:38	07/18/17 12:37	208-96-8	
Anthracene	<7.5	ug/kg	25.0	7.5	1	07/17/17 08:38	07/18/17 12:37	120-12-7	
Benzo(a)anthracene	6.6J	ug/kg	13.9	4.2	1	07/17/17 08:38	07/18/17 12:37	56-55-3	
Benzo(a)pyrene	6.3J	ug/kg	11.0	3.3	1	07/17/17 08:38	07/18/17 12:37	50-32-8	
Benzo(b)fluoranthene	5.8J	ug/kg	12.4	3.7	1	07/17/17 08:38	07/18/17 12:37	205-99-2	
Benzo(g,h,i)perylene	4.5J	ug/kg	8.9	2.7	1	07/17/17 08:38	07/18/17 12:37	191-24-2	
Benzo(k)fluoranthene	5.6J	ug/kg	11.0	3.3	1	07/17/17 08:38	07/18/17 12:37	207-08-9	
Chrysene	7.5J	ug/kg	14.7	4.4	1	07/17/17 08:38	07/18/17 12:37	218-01-9	
Dibenz(a,h)anthracene	<2.9	ug/kg	9.8	2.9	1	07/17/17 08:38	07/18/17 12:37	53-70-3	L1
Fluoranthene	14.1J	ug/kg	22.9	6.9	1	07/17/17 08:38	07/18/17 12:37	206-44-0	
Fluorene	<5.4	ug/kg	18.2	5.4	1	07/17/17 08:38	07/18/17 12:37	86-73-7	
Indeno(1,2,3-cd)pyrene	3.8J	ug/kg	9.6	2.9	1	07/17/17 08:38	07/18/17 12:37	193-39-5	
1-Methylnaphthalene	<5.3	ug/kg	17.6	5.3	1	07/17/17 08:38	07/18/17 12:37	90-12-0	
2-Methylnaphthalene	<6.6	ug/kg	22.0	6.6	1	07/17/17 08:38	07/18/17 12:37	91-57-6	
Naphthalene	<11.1	ug/kg	37.0	11.1	1	07/17/17 08:38	07/18/17 12:37	91-20-3	
Phenanthrene	15.5J	ug/kg	51.1	15.3	1	07/17/17 08:38	07/18/17 12:37	85-01-8	
Pyrene	11.5J	ug/kg	19.7	5.9	1	07/17/17 08:38	07/18/17 12:37	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	19-96		1	07/17/17 08:38	07/18/17 12:37	321-60-8	
Terphenyl-d14 (S)	65	%	31-98		1	07/17/17 08:38	07/18/17 12:37	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 13:48	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 13:48	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 13:48	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 13:48	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-26 10-12**      **Lab ID: 40152907030**      Collected: 07/05/17 15:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 08:00	07/11/17 13:48	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 13:48	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 13:48	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 08:00	07/11/17 13:48	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	68-130		1	07/11/17 08:00	07/11/17 13:48	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-26 10-12**      **Lab ID: 40152907030**      Collected: 07/05/17 15:40      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	110	%	68-149		1	07/11/17 08:00	07/11/17 13:48	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	07/11/17 08:00	07/11/17 13:48	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>24.2</b>	%	0.10	0.10	1		07/12/17 09:47		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-26 14-16**      **Lab ID: 40152907031**      Collected: 07/05/17 15:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.6	mg/kg	6.5	1.4	1	07/11/17 09:28	07/12/17 13:10	7440-38-2	
Lead	121	mg/kg	1.7	0.56	1	07/11/17 09:28	07/12/17 13:10	7439-92-1	
Selenium	<1.4	mg/kg	6.5	1.4	1	07/11/17 09:28	07/12/17 13:10	7782-49-2	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	280J	ug/kg	358	108	20	07/17/17 08:38	07/19/17 13:20	83-32-9	
Acenaphthylene	172J	ug/kg	306	91.6	20	07/17/17 08:38	07/19/17 13:20	208-96-8	
Anthracene	1980	ug/kg	528	159	20	07/17/17 08:38	07/19/17 13:20	120-12-7	
Benzo(a)anthracene	1870	ug/kg	294	88.1	20	07/17/17 08:38	07/19/17 13:20	56-55-3	
Benzo(a)pyrene	1430	ug/kg	232	69.8	20	07/17/17 08:38	07/19/17 13:20	50-32-8	
Benzo(b)fluoranthene	1280	ug/kg	261	78.4	20	07/17/17 08:38	07/19/17 13:20	205-99-2	
Benzo(g,h,i)perylene	890	ug/kg	188	56.4	20	07/17/17 08:38	07/19/17 13:20	191-24-2	
Benzo(k)fluoranthene	1460	ug/kg	232	69.7	20	07/17/17 08:38	07/19/17 13:20	207-08-9	
Chrysene	1850	ug/kg	311	93.7	20	07/17/17 08:38	07/19/17 13:20	218-01-9	
Dibenz(a,h)anthracene	323	ug/kg	207	62.1	20	07/17/17 08:38	07/19/17 13:20	53-70-3	L1
Fluoranthene	5340	ug/kg	483	145	20	07/17/17 08:38	07/19/17 13:20	206-44-0	
Fluorene	1210	ug/kg	383	115	20	07/17/17 08:38	07/19/17 13:20	86-73-7	
Indeno(1,2,3-cd)pyrene	901	ug/kg	204	61.1	20	07/17/17 08:38	07/19/17 13:20	193-39-5	
1-Methylnaphthalene	349J	ug/kg	372	112	20	07/17/17 08:38	07/19/17 13:20	90-12-0	
2-Methylnaphthalene	164J	ug/kg	464	139	20	07/17/17 08:38	07/19/17 13:20	91-57-6	
Naphthalene	362J	ug/kg	781	234	20	07/17/17 08:38	07/19/17 13:20	91-20-3	
Phenanthrene	6460	ug/kg	1080	324	20	07/17/17 08:38	07/19/17 13:20	85-01-8	
Pyrene	3790	ug/kg	417	125	20	07/17/17 08:38	07/19/17 13:20	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	0	%	19-96		20	07/17/17 08:38	07/19/17 13:20	321-60-8	S4
Terphenyl-d14 (S)	0	%	31-98		20	07/17/17 08:38	07/19/17 13:20	1718-51-0	S4
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	50.7J	ug/kg	83.3	34.7	1	07/11/17 08:00	07/11/17 16:49	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 08:00	07/11/17 16:49	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 08:00	07/11/17 16:49	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 08:00	07/11/17 16:49	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 08:00	07/11/17 16:49	96-12-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

**Sample: B-26 14-16**      **Lab ID: 40152907031**      Collected: 07/05/17 15:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B							
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	108-20-3	W
Ethylbenzene	62.9J	ug/kg	83.3	34.7	1	07/11/17 08:00	07/11/17 16:49	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	98-82-8	W
p-Isopropyltoluene	37.8J	ug/kg	83.3	34.7	1	07/11/17 08:00	07/11/17 16:49	99-87-6	
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	1634-04-4	W
Naphthalene	1350	ug/kg	347	55.6	1	07/11/17 08:00	07/11/17 16:49	91-20-3	
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	127-18-4	W
Toluene	149	ug/kg	83.3	34.7	1	07/11/17 08:00	07/11/17 16:49	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 08:00	07/11/17 16:49	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	96-18-4	W
1,2,4-Trimethylbenzene	76.8J	ug/kg	83.3	34.7	1	07/11/17 08:00	07/11/17 16:49	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 08:00	07/11/17 16:49	75-01-4	W
Xylene (Total)	168J	ug/kg	250	104	1	07/11/17 08:00	07/11/17 16:49	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	68-130		1	07/11/17 08:00	07/11/17 16:49	1868-53-7	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

**Sample: B-26 14-16**      **Lab ID: 40152907031**      Collected: 07/05/17 15:45      Received: 07/07/17 09:45      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Toluene-d8 (S)	111	%	68-149		1	07/11/17 08:00	07/11/17 16:49	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	07/11/17 08:00	07/11/17 16:49	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>28.0</b>	%	0.10	0.10	1		07/12/17 09:47		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

QC Batch: 261114 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152907001, 40152907002, 40152907003, 40152907004, 40152907005, 40152907006, 40152907007, 40152907008, 40152907009, 40152907010, 40152907011, 40152907012, 40152907013

METHOD BLANK: 1537648 Matrix: Solid  
Associated Lab Samples: 40152907001, 40152907002, 40152907003, 40152907004, 40152907005, 40152907006, 40152907007, 40152907008, 40152907009, 40152907010, 40152907011, 40152907012, 40152907013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	07/12/17 10:49	
Lead	mg/kg	<0.43	1.3	07/12/17 10:49	
Selenium	mg/kg	<1.1	5.0	07/12/17 10:49	

LABORATORY CONTROL SAMPLE: 1537649

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.0	96	80-120	
Lead	mg/kg	50	50.5	101	80-120	
Selenium	mg/kg	50	50.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537650 1537651

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152906001 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/kg	6.7	55.4	55.2	58.2	56.3	93	90	75-125	3	20
Lead	mg/kg	59.2	55.4	55.2	136	92.2	138	60	75-125	38	20 M0,R1
Selenium	mg/kg	<1.2	55.4	55.2	51.4	50.9	93	92	75-125	1	20

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

QC Batch: 261122 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152907014, 40152907015, 40152907016, 40152907017, 40152907018, 40152907019, 40152907020, 40152907021, 40152907022, 40152907023, 40152907024, 40152907025, 40152907026, 40152907027, 40152907028, 40152907029, 40152907030, 40152907031

METHOD BLANK: 1537652 Matrix: Solid  
Associated Lab Samples: 40152907014, 40152907015, 40152907016, 40152907017, 40152907018, 40152907019, 40152907020, 40152907021, 40152907022, 40152907023, 40152907024, 40152907025, 40152907026, 40152907027, 40152907028, 40152907029, 40152907030, 40152907031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	07/12/17 12:10	
Lead	mg/kg	<0.43	1.3	07/12/17 12:10	
Selenium	mg/kg	<1.1	5.0	07/12/17 12:10	

LABORATORY CONTROL SAMPLE: 1537653

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.9	98	80-120	
Lead	mg/kg	50	50.4	101	80-120	
Selenium	mg/kg	50	50.5	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537654 1537655

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152907014 Result	Spike Conc.	Spike Conc.	Result						
Arsenic	mg/kg	3.2J	61.4	61.1	61.4	60.0	95	93	75-125	2	20
Lead	mg/kg	8.3	61.4	61.1	62.4	62.3	88	88	75-125	0	20
Selenium	mg/kg	<1.4	61.4	61.1	58.7	58.3	96	95	75-125	1	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

QC Batch: 261173 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152907002, 40152907003, 40152907004, 40152907005, 40152907006, 40152907007, 40152907008, 40152907009, 40152907010, 40152907011, 40152907012, 40152907013, 40152907014, 40152907015, 40152907016, 40152907017, 40152907018

METHOD BLANK: 1537862 Matrix: Solid  
Associated Lab Samples: 40152907002, 40152907003, 40152907004, 40152907005, 40152907006, 40152907007, 40152907008, 40152907009, 40152907010, 40152907011, 40152907012, 40152907013, 40152907014, 40152907015, 40152907016, 40152907017, 40152907018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/11/17 08:11	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/11/17 08:11	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/11/17 08:11	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/11/17 08:11	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/11/17 08:11	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/11/17 08:11	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/11/17 08:11	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/11/17 08:11	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/11/17 08:11	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/11/17 08:11	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/11/17 08:11	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/11/17 08:11	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/11/17 08:11	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/11/17 08:11	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/11/17 08:11	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/11/17 08:11	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/11/17 08:11	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/11/17 08:11	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/11/17 08:11	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/11/17 08:11	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/11/17 08:11	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/11/17 08:11	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/11/17 08:11	
Benzene	ug/kg	<9.2	20.0	07/11/17 08:11	
Bromobenzene	ug/kg	<20.6	50.0	07/11/17 08:11	
Bromochloromethane	ug/kg	<21.4	50.0	07/11/17 08:11	
Bromodichloromethane	ug/kg	<9.8	50.0	07/11/17 08:11	
Bromoform	ug/kg	<19.8	50.0	07/11/17 08:11	
Bromomethane	ug/kg	<69.9	250	07/11/17 08:11	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/11/17 08:11	
Chlorobenzene	ug/kg	<14.8	50.0	07/11/17 08:11	
Chloroethane	ug/kg	<67.0	250	07/11/17 08:11	
Chloroform	ug/kg	<46.4	250	07/11/17 08:11	
Chloromethane	ug/kg	<20.4	50.0	07/11/17 08:11	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/11/17 08:11	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/11/17 08:11	
Dibromochloromethane	ug/kg	<17.9	50.0	07/11/17 08:11	
Dibromomethane	ug/kg	<19.3	50.0	07/11/17 08:11	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

METHOD BLANK: 1537862

Matrix: Solid

Associated Lab Samples: 40152907002, 40152907003, 40152907004, 40152907005, 40152907006, 40152907007, 40152907008, 40152907009, 40152907010, 40152907011, 40152907012, 40152907013, 40152907014, 40152907015, 40152907016, 40152907017, 40152907018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/11/17 08:11	
Diisopropyl ether	ug/kg	<17.7	50.0	07/11/17 08:11	
Ethylbenzene	ug/kg	<12.4	50.0	07/11/17 08:11	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/11/17 08:11	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/11/17 08:11	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/11/17 08:11	
Methylene Chloride	ug/kg	<16.2	50.0	07/11/17 08:11	
n-Butylbenzene	ug/kg	<10.5	50.0	07/11/17 08:11	
n-Propylbenzene	ug/kg	<11.6	50.0	07/11/17 08:11	
Naphthalene	ug/kg	<40.0	250	07/11/17 08:11	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/11/17 08:11	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/11/17 08:11	
Styrene	ug/kg	<9.0	50.0	07/11/17 08:11	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/11/17 08:11	
Tetrachloroethene	ug/kg	<12.9	50.0	07/11/17 08:11	
Toluene	ug/kg	<11.2	50.0	07/11/17 08:11	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/11/17 08:11	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/11/17 08:11	
Trichloroethene	ug/kg	<23.6	50.0	07/11/17 08:11	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/11/17 08:11	
Vinyl chloride	ug/kg	<21.1	50.0	07/11/17 08:11	
Xylene (Total)	ug/kg	<48.4	150	07/11/17 08:11	
4-Bromofluorobenzene (S)	%	99	58-141	07/11/17 08:11	
Dibromofluoromethane (S)	%	109	68-130	07/11/17 08:11	
Toluene-d8 (S)	%	109	68-149	07/11/17 08:11	

LABORATORY CONTROL SAMPLE: 1537863

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2730	109	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2140	86	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2600	104	70-130	
1,1-Dichloroethane	ug/kg	2500	2640	106	63-124	
1,1-Dichloroethene	ug/kg	2500	2430	97	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	1950	78	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1770	71	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2410	96	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2200	88	70-130	
1,2-Dichloroethane	ug/kg	2500	2710	109	56-135	
1,2-Dichloropropane	ug/kg	2500	2250	90	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2280	91	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2370	95	70-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

LABORATORY CONTROL SAMPLE: 1537863

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2490	100	66-130	
Bromodichloromethane	ug/kg	2500	2270	91	62-135	
Bromoform	ug/kg	2500	2070	83	68-130	
Bromomethane	ug/kg	2500	2350	94	29-137	
Carbon tetrachloride	ug/kg	2500	2660	106	57-130	
Chlorobenzene	ug/kg	2500	2670	107	70-130	
Chloroethane	ug/kg	2500	2770	111	36-144	
Chloroform	ug/kg	2500	2620	105	69-115	
Chloromethane	ug/kg	2500	1970	79	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2580	103	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2090	84	70-130	
Dibromochloromethane	ug/kg	2500	2340	94	70-130	
Dichlorodifluoromethane	ug/kg	2500	1610	64	10-99	
Ethylbenzene	ug/kg	2500	2500	100	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2610	104	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2690	108	63-134	
Methylene Chloride	ug/kg	2500	2440	98	56-123	
Styrene	ug/kg	2500	2670	107	70-130	
Tetrachloroethene	ug/kg	2500	2870	115	70-131	
Toluene	ug/kg	2500	2550	102	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2380	95	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2310	92	68-130	
Trichloroethene	ug/kg	2500	2590	104	70-130	
Trichlorofluoromethane	ug/kg	2500	3080	123	37-149	
Vinyl chloride	ug/kg	2500	2120	85	43-128	
Xylene (Total)	ug/kg	7500	7700	103	70-130	
4-Bromofluorobenzene (S)	%			93	58-141	
Dibromofluoromethane (S)	%			101	68-130	
Toluene-d8 (S)	%			101	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537864 1537865

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152907003 Result	Spike Conc.	Spike Conc.	MSD Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1490	1490	1520	1460	102	98	57-123	4	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1490	1490	1290	1450	86	97	73-135	12	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1490	1490	1560	1680	104	113	70-130	8	20		
1,1-Dichloroethane	ug/kg	<25.0	1490	1490	1650	1520	111	102	63-124	8	20		
1,1-Dichloroethene	ug/kg	<25.0	1490	1490	1440	1210	97	81	48-117	17	23		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1490	1490	1320	1410	88	94	78-145	6	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1490	1490	1160	1210	78	81	38-168	4	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1490	1490	1450	1430	97	95	70-130	2	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1490	1490	1390	1480	93	99	70-130	6	20		
1,2-Dichloroethane	ug/kg	<25.0	1490	1490	1760	1670	118	111	56-145	6	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537864		1537865		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40152907003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
1,2-Dichloropropane	ug/kg	<25.0	1490	1490	1480	1510	99	101	77-123	2	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1490	1490	1420	1460	95	98	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1490	1490	1520	1620	102	108	70-130	6	20	
Benzene	ug/kg	<25.0	1490	1490	1490	1440	100	96	65-130	4	20	
Bromodichloromethane	ug/kg	<25.0	1490	1490	1350	1390	90	93	59-141	3	20	
Bromoform	ug/kg	<25.0	1490	1490	1250	1310	84	88	59-141	4	20	
Bromomethane	ug/kg	<69.9	1490	1490	1270	1310	85	88	28-139	3	20	
Carbon tetrachloride	ug/kg	<25.0	1490	1490	1430	1420	96	95	50-130	1	20	
Chlorobenzene	ug/kg	<25.0	1490	1490	1600	1610	107	107	70-130	0	20	
Chloroethane	ug/kg	<67.0	1490	1490	1640	1460	110	98	36-144	12	20	
Chloroform	ug/kg	<46.4	1490	1490	1620	1490	109	100	68-122	9	20	
Chloromethane	ug/kg	<25.0	1490	1490	1130	1080	76	72	30-126	5	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1490	1490	1520	1550	102	104	63-130	2	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1490	1490	1250	1280	84	86	70-130	3	20	
Dibromochloromethane	ug/kg	<25.0	1490	1490	1260	1460	84	98	66-136	15	20	
Dichlorodifluoromethane	ug/kg	<25.0	1490	1490	855	784	57	52	10-99	9	33	
Ethylbenzene	ug/kg	<25.0	1490	1490	1390	1490	93	100	80-122	7	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1490	1490	1390	1520	93	102	70-130	9	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1490	1490	1600	1590	107	107	63-134	0	20	
Methylene Chloride	ug/kg	<25.0	1490	1490	1540	1490	103	100	56-127	3	20	
Styrene	ug/kg	<25.0	1490	1490	1490	1630	100	109	70-130	9	20	
Tetrachloroethene	ug/kg	<25.0	1490	1490	1500	1540	100	103	70-131	3	20	
Toluene	ug/kg	<25.0	1490	1490	1510	1530	101	102	80-120	1	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1490	1490	1570	1600	105	107	60-130	2	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1490	1490	1390	1330	93	89	68-130	5	20	
Trichloroethene	ug/kg	<25.0	1490	1490	1460	1440	98	96	70-130	2	20	
Trichlorofluoromethane	ug/kg	<25.0	1490	1490	1340	1370	89	91	37-149	2	24	
Vinyl chloride	ug/kg	<25.0	1490	1490	1100	986	73	66	39-128	11	20	
Xylene (Total)	ug/kg	<75.0	4480	4480	4260	4430	95	99	70-130	4	20	
4-Bromofluorobenzene (S)	%						97	108	58-141			
Dibromofluoromethane (S)	%						127	120	68-130			
Toluene-d8 (S)	%						108	110	68-149			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

QC Batch: 261177 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152907001, 40152907019, 40152907020, 40152907021, 40152907022, 40152907023, 40152907024, 40152907025, 40152907026, 40152907027, 40152907028, 40152907029, 40152907030, 40152907031

METHOD BLANK: 1537875 Matrix: Solid  
Associated Lab Samples: 40152907001, 40152907019, 40152907020, 40152907021, 40152907022, 40152907023, 40152907024, 40152907025, 40152907026, 40152907027, 40152907028, 40152907029, 40152907030, 40152907031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/11/17 08:10	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/11/17 08:10	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/11/17 08:10	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/11/17 08:10	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/11/17 08:10	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/11/17 08:10	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/11/17 08:10	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/11/17 08:10	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/11/17 08:10	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/11/17 08:10	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/11/17 08:10	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/11/17 08:10	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/11/17 08:10	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/11/17 08:10	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/11/17 08:10	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/11/17 08:10	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/11/17 08:10	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/11/17 08:10	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/11/17 08:10	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/11/17 08:10	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/11/17 08:10	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/11/17 08:10	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/11/17 08:10	
Benzene	ug/kg	<9.2	20.0	07/11/17 08:10	
Bromobenzene	ug/kg	<20.6	50.0	07/11/17 08:10	
Bromochloromethane	ug/kg	<21.4	50.0	07/11/17 08:10	
Bromodichloromethane	ug/kg	<9.8	50.0	07/11/17 08:10	
Bromoform	ug/kg	<19.8	50.0	07/11/17 08:10	
Bromomethane	ug/kg	<69.9	250	07/11/17 08:10	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/11/17 08:10	
Chlorobenzene	ug/kg	<14.8	50.0	07/11/17 08:10	
Chloroethane	ug/kg	<67.0	250	07/11/17 08:10	
Chloroform	ug/kg	<46.4	250	07/11/17 08:10	
Chloromethane	ug/kg	<20.4	50.0	07/11/17 08:10	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/11/17 08:10	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/11/17 08:10	
Dibromochloromethane	ug/kg	<17.9	50.0	07/11/17 08:10	
Dibromomethane	ug/kg	<19.3	50.0	07/11/17 08:10	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/11/17 08:10	
Diisopropyl ether	ug/kg	<17.7	50.0	07/11/17 08:10	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

METHOD BLANK: 1537875

Matrix: Solid

Associated Lab Samples: 40152907001, 40152907019, 40152907020, 40152907021, 40152907022, 40152907023, 40152907024, 40152907025, 40152907026, 40152907027, 40152907028, 40152907029, 40152907030, 40152907031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	07/11/17 08:10	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/11/17 08:10	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/11/17 08:10	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/11/17 08:10	
Methylene Chloride	ug/kg	<16.2	50.0	07/11/17 08:10	
n-Butylbenzene	ug/kg	<10.5	50.0	07/11/17 08:10	
n-Propylbenzene	ug/kg	<11.6	50.0	07/11/17 08:10	
Naphthalene	ug/kg	<40.0	250	07/11/17 08:10	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/11/17 08:10	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/11/17 08:10	
Styrene	ug/kg	<9.0	50.0	07/11/17 08:10	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/11/17 08:10	
Tetrachloroethene	ug/kg	<12.9	50.0	07/11/17 08:10	
Toluene	ug/kg	<11.2	50.0	07/11/17 08:10	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/11/17 08:10	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/11/17 08:10	
Trichloroethene	ug/kg	<23.6	50.0	07/11/17 08:10	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/11/17 08:10	
Vinyl chloride	ug/kg	<21.1	50.0	07/11/17 08:10	
Xylene (Total)	ug/kg	<48.4	150	07/11/17 08:10	
4-Bromofluorobenzene (S)	%	96	58-141	07/11/17 08:10	
Dibromofluoromethane (S)	%	106	68-130	07/11/17 08:10	
Toluene-d8 (S)	%	110	68-149	07/11/17 08:10	

LABORATORY CONTROL SAMPLE: 1537876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2650	106	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2570	103	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2710	108	70-130	
1,1-Dichloroethane	ug/kg	2500	2560	102	63-124	
1,1-Dichloroethene	ug/kg	2500	2900	116	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2390	96	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2240	90	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2660	106	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2640	106	70-130	
1,2-Dichloroethane	ug/kg	2500	3000	120	56-135	
1,2-Dichloropropane	ug/kg	2500	2490	100	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
Benzene	ug/kg	2500	2520	101	66-130	
Bromodichloromethane	ug/kg	2500	2530	101	62-135	
Bromoform	ug/kg	2500	2500	100	68-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

LABORATORY CONTROL SAMPLE: 1537876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2760	110	29-137	
Carbon tetrachloride	ug/kg	2500	2640	105	57-130	
Chlorobenzene	ug/kg	2500	2610	104	70-130	
Chloroethane	ug/kg	2500	2980	119	36-144	
Chloroform	ug/kg	2500	2690	108	69-115	
Chloromethane	ug/kg	2500	1850	74	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2430	97	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2410	97	70-130	
Dibromochloromethane	ug/kg	2500	2470	99	70-130	
Dichlorodifluoromethane	ug/kg	2500	1650	66	10-99	
Ethylbenzene	ug/kg	2500	2610	104	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2600	104	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2550	102	63-134	
Methylene Chloride	ug/kg	2500	3000	120	56-123	
Styrene	ug/kg	2500	2500	100	70-130	
Tetrachloroethene	ug/kg	2500	2720	109	70-131	
Toluene	ug/kg	2500	2650	106	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2570	103	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2540	101	68-130	
Trichloroethene	ug/kg	2500	2650	106	70-130	
Trichlorofluoromethane	ug/kg	2500	3050	122	37-149	
Vinyl chloride	ug/kg	2500	2350	94	43-128	
Xylene (Total)	ug/kg	7500	7610	101	70-130	
4-Bromofluorobenzene (S)	%			96	58-141	
Dibromofluoromethane (S)	%			106	68-130	
Toluene-d8 (S)	%			103	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537877 1537878

Parameter	Units	40152907030		1537877		1537878		% Rec	% Rec	% Rec	Limits	RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec							
1,1,1-Trichloroethane	ug/kg	<25.0	1650	1650	1600	1540	97	93	57-123	4	20			
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1650	1650	1710	1780	104	108	73-135	4	20			
1,1,2-Trichloroethane	ug/kg	<25.0	1650	1650	1660	1670	101	101	70-130	0	20			
1,1-Dichloroethane	ug/kg	<25.0	1650	1650	1590	1610	96	98	63-124	1	20			
1,1-Dichloroethene	ug/kg	<25.0	1650	1650	1720	1620	104	98	48-117	6	23			
1,2,4-Trichlorobenzene	ug/kg	<47.6	1650	1650	1840	1820	112	110	78-145	1	20			
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1650	1650	1620	1690	98	102	38-168	4	22			
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1650	1650	1680	1620	102	98	70-130	4	20			
1,2-Dichlorobenzene	ug/kg	<25.0	1650	1650	1860	1880	113	114	70-130	1	20			
1,2-Dichloroethane	ug/kg	<25.0	1650	1650	1890	1870	115	113	56-145	1	20			
1,2-Dichloropropane	ug/kg	<25.0	1650	1650	1610	1610	98	98	77-123	0	20			
1,3-Dichlorobenzene	ug/kg	<25.0	1650	1650	1800	1830	109	111	70-130	2	20			
1,4-Dichlorobenzene	ug/kg	<25.0	1650	1650	1760	1830	107	111	70-130	4	20			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Parameter	Units	40152907030		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec							
Benzene	ug/kg	<25.0	1650	1650	1650	1570	1530	95	93	65-130	2	20				
Bromodichloromethane	ug/kg	<25.0	1650	1650	1650	1630	1610	99	98	59-141	1	20				
Bromoform	ug/kg	<25.0	1650	1650	1650	1450	1500	88	91	59-141	3	20				
Bromomethane	ug/kg	<69.9	1650	1650	1650	1790	1710	108	104	28-139	4	20				
Carbon tetrachloride	ug/kg	<25.0	1650	1650	1650	1600	1500	97	91	50-130	6	20				
Chlorobenzene	ug/kg	<25.0	1650	1650	1650	1670	1680	101	102	70-130	1	20				
Chloroethane	ug/kg	<67.0	1650	1650	1650	1750	1730	106	105	36-144	1	20				
Chloroform	ug/kg	<46.4	1650	1650	1650	1710	1680	104	102	68-122	2	20				
Chloromethane	ug/kg	<25.0	1650	1650	1650	1100	1070	67	65	30-126	3	20				
cis-1,2-Dichloroethene	ug/kg	<25.0	1650	1650	1650	1460	1530	89	93	63-130	4	20				
cis-1,3-Dichloropropene	ug/kg	<25.0	1650	1650	1650	1480	1460	90	89	70-130	1	20				
Dibromochloromethane	ug/kg	<25.0	1650	1650	1650	1500	1490	91	90	66-136	1	20				
Dichlorodifluoromethane	ug/kg	<25.0	1650	1650	1650	1050	981	63	60	10-99	6	33				
Ethylbenzene	ug/kg	<25.0	1650	1650	1650	1580	1590	96	97	80-122	1	20				
Isopropylbenzene (Cumene)	ug/kg	<25.0	1650	1650	1650	1530	1570	93	95	70-130	2	20				
Methyl-tert-butyl ether	ug/kg	<25.0	1650	1650	1650	1650	1590	100	96	63-134	4	20				
Methylene Chloride	ug/kg	<25.0	1650	1650	1650	1880	1810	114	110	56-127	4	20				
Styrene	ug/kg	<25.0	1650	1650	1650	1560	1600	94	97	70-130	3	20				
Tetrachloroethene	ug/kg	<25.0	1650	1650	1650	1640	1620	99	98	70-131	1	20				
Toluene	ug/kg	<25.0	1650	1650	1650	1650	1630	100	99	80-120	2	20				
trans-1,2-Dichloroethene	ug/kg	<25.0	1650	1650	1650	1590	1500	96	91	60-130	6	20				
trans-1,3-Dichloropropene	ug/kg	<25.0	1650	1650	1650	1520	1550	92	94	68-130	2	20				
Trichloroethene	ug/kg	<25.0	1650	1650	1650	1670	1610	101	98	70-130	3	20				
Trichlorofluoromethane	ug/kg	<25.0	1650	1650	1650	1620	1610	98	98	37-149	1	24				
Vinyl chloride	ug/kg	<25.0	1650	1650	1650	1270	1210	77	74	39-128	5	20				
Xylene (Total)	ug/kg	<75.0	4940	4940	4940	4640	4720	94	95	70-130	2	20				
4-Bromofluorobenzene (S)	%							95	96	58-141						
Dibromofluoromethane (S)	%							108	109	68-130						
Toluene-d8 (S)	%							109	107	68-149						

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

QC Batch: 261367 Analysis Method: EPA 8270 by SIM  
 QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
 Associated Lab Samples: 40152907009, 40152907010

METHOD BLANK: 1538951 Matrix: Solid

Associated Lab Samples: 40152907009, 40152907010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/13/17 20:17	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/13/17 20:17	
Acenaphthene	ug/kg	<3.9	12.9	07/13/17 20:17	
Acenaphthylene	ug/kg	<3.3	11.0	07/13/17 20:17	
Anthracene	ug/kg	<5.7	19.0	07/13/17 20:17	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/13/17 20:17	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/13/17 20:17	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/13/17 20:17	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/13/17 20:17	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	07/13/17 20:17	
Chrysene	ug/kg	<3.4	11.2	07/13/17 20:17	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	07/13/17 20:17	
Fluoranthene	ug/kg	<5.2	17.4	07/13/17 20:17	
Fluorene	ug/kg	<4.1	13.8	07/13/17 20:17	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/13/17 20:17	
Naphthalene	ug/kg	<8.4	28.1	07/13/17 20:17	
Phenanthrene	ug/kg	<11.7	38.9	07/13/17 20:17	
Pyrene	ug/kg	<4.5	15.0	07/13/17 20:17	
2-Fluorobiphenyl (S)	%	62	19-96	07/13/17 20:17	
Terphenyl-d14 (S)	%	73	31-98	07/13/17 20:17	

LABORATORY CONTROL SAMPLE: 1538952

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	204	61	49-102	
2-Methylnaphthalene	ug/kg	334	215	64	47-91	
Acenaphthene	ug/kg	334	222	66	52-97	
Acenaphthylene	ug/kg	334	222	67	49-97	
Anthracene	ug/kg	334	223	67	62-101	
Benzo(a)anthracene	ug/kg	334	215	64	53-95	
Benzo(a)pyrene	ug/kg	334	230	69	57-108	
Benzo(b)fluoranthene	ug/kg	334	224	67	53-113	
Benzo(g,h,i)perylene	ug/kg	334	203	61	43-114	
Benzo(k)fluoranthene	ug/kg	334	228	68	66-116	
Chrysene	ug/kg	334	224	67	64-109	
Dibenz(a,h)anthracene	ug/kg	334	216	65	50-105	
Fluoranthene	ug/kg	334	233	70	58-107	
Fluorene	ug/kg	334	224	67	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	334	208	62	51-113	
Naphthalene	ug/kg	334	201	60	50-91	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

LABORATORY CONTROL SAMPLE: 1538952

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	334	224	67	57-101	
Pyrene	ug/kg	334	222	66	50-102	
2-Fluorobiphenyl (S)	%			62	19-96	
Terphenyl-d14 (S)	%			65	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1538953 1538954

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40152670031 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/kg	376	377	377	536	488	43	30	37-102	9	29	M1
2-Methylnaphthalene	ug/kg	92.4J	377	377	286	285	51	51	44-91	0	36	
Acenaphthene	ug/kg	384	377	377	633	555	66	45	46-97	13	26	M1
Acenaphthylene	ug/kg	<29.8	377	377	242	254	58	61	47-97	5	29	
Anthracene	ug/kg	277	377	377	298	322	6	12	50-101	8	28	M1
Benzo(a)anthracene	ug/kg	714	377	377	330	371	-102	-91	48-95	12	28	M1
Benzo(a)pyrene	ug/kg	864	377	377	296	345	-151	-137	47-108	16	36	M1
Benzo(b)fluoranthene	ug/kg	731	377	377	273	323	-122	-108	42-113	17	34	M1
Benzo(g,h,i)perylene	ug/kg	720	377	377	296	339	-113	-101	18-114	14	30	M1
Benzo(k)fluoranthene	ug/kg	824	377	377	294	339	-141	-129	50-116	14	27	M1
Chrysene	ug/kg	815	377	377	354	401	-122	-110	55-109	12	28	M1
Dibenz(a,h)anthracene	ug/kg	220	377	377	251	280	8	16	39-105	11	29	M1
Fluoranthene	ug/kg	1700	377	377	439	513	-334	-314	41-107	16	28	M1
Fluorene	ug/kg	184	377	377	357	359	46	46	48-99	0	28	M1
Indeno(1,2,3-cd)pyrene	ug/kg	591	377	377	267	304	-86	-76	27-113	13	30	M1
Naphthalene	ug/kg	428	377	377	404	353	-6	-20	40-91	13	37	M1
Phenanthrene	ug/kg	1070	377	377	563	600	-134	-124	46-101	6	40	M1
Pyrene	ug/kg	1500	377	377	568	637	-248	-229	50-102	11	31	M1
2-Fluorobiphenyl (S)	%						54	51	19-96			
Terphenyl-d14 (S)	%						51	50	31-98			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

QC Batch: 261370 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152907001, 40152907002, 40152907003, 40152907004, 40152907005, 40152907006, 40152907007, 40152907008, 40152907011, 40152907012, 40152907018

METHOD BLANK: 1538967 Matrix: Solid  
Associated Lab Samples: 40152907001, 40152907002, 40152907003, 40152907004, 40152907005, 40152907006, 40152907007, 40152907008, 40152907011, 40152907012, 40152907018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/14/17 18:24	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/14/17 18:24	
Acenaphthene	ug/kg	<3.9	12.9	07/14/17 18:24	
Acenaphthylene	ug/kg	<3.3	11.0	07/14/17 18:24	
Anthracene	ug/kg	<5.7	19.0	07/14/17 18:24	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/14/17 18:24	
Benzo(a)pyrene	ug/kg	2.7J	8.4	07/14/17 18:24	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/14/17 18:24	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/14/17 18:24	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	07/14/17 18:24	
Chrysene	ug/kg	<3.4	11.2	07/14/17 18:24	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	07/14/17 18:24	
Fluoranthene	ug/kg	<5.2	17.4	07/14/17 18:24	
Fluorene	ug/kg	<4.1	13.8	07/14/17 18:24	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/14/17 18:24	
Naphthalene	ug/kg	<8.4	28.1	07/14/17 18:24	
Phenanthrene	ug/kg	<11.6	38.8	07/14/17 18:24	
Pyrene	ug/kg	<4.5	15.0	07/14/17 18:24	
2-Fluorobiphenyl (S)	%	66	19-96	07/14/17 18:24	
Terphenyl-d14 (S)	%	87	31-98	07/14/17 18:24	

LABORATORY CONTROL SAMPLE: 1538968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	224	67	49-102	
2-Methylnaphthalene	ug/kg	334	234	70	47-91	
Acenaphthene	ug/kg	334	251	75	52-97	
Acenaphthylene	ug/kg	334	251	75	49-97	
Anthracene	ug/kg	334	265	79	62-101	
Benzo(a)anthracene	ug/kg	334	265	80	53-95	
Benzo(a)pyrene	ug/kg	334	286	86	57-108	
Benzo(b)fluoranthene	ug/kg	334	286	86	53-113	
Benzo(g,h,i)perylene	ug/kg	334	276	83	43-114	
Benzo(k)fluoranthene	ug/kg	334	282	84	66-116	
Chrysene	ug/kg	334	277	83	64-109	
Dibenz(a,h)anthracene	ug/kg	334	288	86	50-105	
Fluoranthene	ug/kg	334	275	83	58-107	
Fluorene	ug/kg	334	259	78	52-99	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

LABORATORY CONTROL SAMPLE: 1538968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	334	275	83	51-113	
Naphthalene	ug/kg	334	221	66	50-91	
Phenanthrene	ug/kg	334	262	78	57-101	
Pyrene	ug/kg	334	266	80	50-102	
2-Fluorobiphenyl (S)	%			71	19-96	
Terphenyl-d14 (S)	%			81	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1538969 1538970

Parameter	Units	40152905006		1538970		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1-Methylnaphthalene	ug/kg	111	372	372	367	69	61	37-102	8	29	
2-Methylnaphthalene	ug/kg	140	372	372	393	68	60	44-91	8	36	
Acenaphthene	ug/kg	7.0J	372	372	275	72	74	46-97	2	26	
Acenaphthylene	ug/kg	11.7J	372	372	284	73	69	47-97	5	29	
Anthracene	ug/kg	30.9	372	372	307	74	73	50-101	2	28	
Benzo(a)anthracene	ug/kg	103	372	372	392	77	69	48-95	8	28	
Benzo(a)pyrene	ug/kg	113	372	372	434	86	73	47-108	11	36	
Benzo(b)fluoranthene	ug/kg	132	372	372	458	87	77	42-113	9	34	
Benzo(g,h,i)perylene	ug/kg	94.1	372	372	372	74	62	18-114	13	30	
Benzo(k)fluoranthene	ug/kg	120	372	372	437	85	67	50-116	16	27	
Chrysene	ug/kg	140	372	372	462	86	74	55-109	10	28	
Dibenz(a,h)anthracene	ug/kg	34.0	372	372	333	80	76	39-105	5	29	
Fluoranthene	ug/kg	186	372	372	463	75	76	41-107	1	28	
Fluorene	ug/kg	8.7J	372	372	275	71	74	48-99	3	28	
Indeno(1,2,3-cd)pyrene	ug/kg	82.0	372	372	374	78	67	27-113	12	30	
Naphthalene	ug/kg	104	372	372	326	59	58	40-91	1	37	
Phenanthrene	ug/kg	196	372	372	450	68	69	46-101	0	40	
Pyrene	ug/kg	175	372	372	470	79	92	50-102	9	31	
2-Fluorobiphenyl (S)	%					67	66	19-96			
Terphenyl-d14 (S)	%					71	78	31-98			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

QC Batch: 261489 Analysis Method: EPA 8270 by SIM  
 QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
 Associated Lab Samples: 40152907013, 40152907014, 40152907015, 40152907016, 40152907017, 40152907019, 40152907020,  
 40152907021, 40152907022, 40152907023, 40152907024, 40152907025, 40152907026

METHOD BLANK: 1539542 Matrix: Solid  
 Associated Lab Samples: 40152907013, 40152907014, 40152907015, 40152907016, 40152907017, 40152907019, 40152907020,  
 40152907021, 40152907022, 40152907023, 40152907024, 40152907025, 40152907026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/14/17 17:49	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/14/17 17:49	
Acenaphthene	ug/kg	<3.9	12.9	07/14/17 17:49	
Acenaphthylene	ug/kg	<3.3	11.0	07/14/17 17:49	
Anthracene	ug/kg	<5.7	19.0	07/14/17 17:49	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/14/17 17:49	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/14/17 17:49	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/14/17 17:49	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/14/17 17:49	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	07/14/17 17:49	
Chrysene	ug/kg	<3.4	11.2	07/14/17 17:49	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	07/14/17 17:49	
Fluoranthene	ug/kg	<5.2	17.4	07/14/17 17:49	
Fluorene	ug/kg	<4.1	13.8	07/14/17 17:49	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/14/17 17:49	
Naphthalene	ug/kg	<8.4	28.1	07/14/17 17:49	
Phenanthrene	ug/kg	<11.7	38.8	07/14/17 17:49	
Pyrene	ug/kg	<4.5	15.0	07/14/17 17:49	
2-Fluorobiphenyl (S)	%	70	19-96	07/14/17 17:49	
Terphenyl-d14 (S)	%	89	31-98	07/14/17 17:49	

LABORATORY CONTROL SAMPLE: 1539543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	250	75	49-102	
2-Methylnaphthalene	ug/kg	333	262	79	47-91	
Acenaphthene	ug/kg	333	280	84	52-97	
Acenaphthylene	ug/kg	333	277	83	49-97	
Anthracene	ug/kg	333	284	85	62-101	
Benzo(a)anthracene	ug/kg	333	277	83	53-95	
Benzo(a)pyrene	ug/kg	333	301	90	57-108	
Benzo(b)fluoranthene	ug/kg	333	309	93	53-113	
Benzo(g,h,i)perylene	ug/kg	333	298	89	43-114	
Benzo(k)fluoranthene	ug/kg	333	291	87	66-116	
Chrysene	ug/kg	333	291	87	64-109	
Dibenz(a,h)anthracene	ug/kg	333	305	92	50-105	
Fluoranthene	ug/kg	333	291	88	58-107	
Fluorene	ug/kg	333	281	85	52-99	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

LABORATORY CONTROL SAMPLE: 1539543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	333	295	88	51-113	
Naphthalene	ug/kg	333	249	75	50-91	
Phenanthrene	ug/kg	333	282	85	57-101	
Pyrene	ug/kg	333	278	83	50-102	
2-Fluorobiphenyl (S)	%			78	19-96	
Terphenyl-d14 (S)	%			83	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1539544 1539545

Parameter	Units	40152907019		MSD		MSD		% Rec		Max		Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	Limits	RPD	RPD	
1-Methylnaphthalene	ug/kg	<4.3	354	356	213	231	60	65	37-102	8	29	
2-Methylnaphthalene	ug/kg	<5.3	354	356	221	238	62	67	44-91	8	36	
Acenaphthene	ug/kg	<4.1	354	356	238	260	67	73	46-97	9	26	
Acenaphthylene	ug/kg	<3.5	354	356	233	252	66	71	47-97	8	29	
Anthracene	ug/kg	<6.1	354	356	236	253	66	71	50-101	7	28	
Benzo(a)anthracene	ug/kg	5.4J	354	356	224	248	62	68	48-95	10	28	
Benzo(a)pyrene	ug/kg	4.2J	354	356	243	265	67	73	47-108	9	36	
Benzo(b)fluoranthene	ug/kg	3.6J	354	356	237	257	66	71	42-113	8	34	
Benzo(g,h,i)perylene	ug/kg	2.3J	354	356	274	297	77	83	18-114	8	30	
Benzo(k)fluoranthene	ug/kg	3.7J	354	356	233	254	65	70	50-116	8	27	
Chrysene	ug/kg	6.0J	354	356	242	266	67	73	55-109	9	28	
Dibenz(a,h)anthracene	ug/kg	<2.4	354	356	261	289	74	81	39-105	10	29	
Fluoranthene	ug/kg	7.7J	354	356	241	260	66	71	41-107	8	28	
Fluorene	ug/kg	<4.4	354	356	233	253	66	71	48-99	8	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.3	354	356	256	281	72	79	27-113	10	30	
Naphthalene	ug/kg	<9.0	354	356	225	243	64	68	40-91	7	37	
Phenanthrene	ug/kg	<12.4	354	356	239	255	66	70	46-101	6	40	
Pyrene	ug/kg	6.4J	354	356	220	242	60	66	50-102	10	31	
2-Fluorobiphenyl (S)	%						62	68	19-96			
Terphenyl-d14 (S)	%						62	68	31-98			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

QC Batch: 261598 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152907027, 40152907028, 40152907029, 40152907030, 40152907031

METHOD BLANK: 1540606 Matrix: Solid  
Associated Lab Samples: 40152907027, 40152907028, 40152907029, 40152907030, 40152907031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/18/17 11:27	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/18/17 11:27	
Acenaphthene	ug/kg	<3.9	12.9	07/18/17 11:27	
Acenaphthylene	ug/kg	<3.3	11.0	07/18/17 11:27	
Anthracene	ug/kg	<5.7	19.0	07/18/17 11:27	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/18/17 11:27	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/18/17 11:27	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/18/17 11:27	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/18/17 11:27	
Benzo(k)fluoranthene	ug/kg	<2.5	8.3	07/18/17 11:27	
Chrysene	ug/kg	<3.4	11.2	07/18/17 11:27	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	07/18/17 11:27	
Fluoranthene	ug/kg	<5.2	17.4	07/18/17 11:27	
Fluorene	ug/kg	<4.1	13.8	07/18/17 11:27	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/18/17 11:27	
Naphthalene	ug/kg	<8.4	28.1	07/18/17 11:27	
Phenanthrene	ug/kg	<11.6	38.7	07/18/17 11:27	
Pyrene	ug/kg	<4.5	15.0	07/18/17 11:27	
2-Fluorobiphenyl (S)	%	79	19-96	07/18/17 11:27	
Terphenyl-d14 (S)	%	88	31-98	07/18/17 11:27	

LABORATORY CONTROL SAMPLE: 1540607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	273	82	49-102	
2-Methylnaphthalene	ug/kg	334	287	86	47-91	
Acenaphthene	ug/kg	334	310	93	52-97	
Acenaphthylene	ug/kg	334	309	93	49-97	
Anthracene	ug/kg	334	320	96	62-101	
Benzo(a)anthracene	ug/kg	334	301	90	53-95	
Benzo(a)pyrene	ug/kg	334	332	100	57-108	
Benzo(b)fluoranthene	ug/kg	334	295	88	53-113	
Benzo(g,h,i)perylene	ug/kg	334	369	111	43-114	
Benzo(k)fluoranthene	ug/kg	334	339	102	66-116	
Chrysene	ug/kg	334	316	95	64-109	
Dibenz(a,h)anthracene	ug/kg	334	359	108	50-105 L1	
Fluoranthene	ug/kg	334	319	96	58-107	
Fluorene	ug/kg	334	304	91	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	334	348	104	51-113	
Naphthalene	ug/kg	334	283	85	50-91	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152907

LABORATORY CONTROL SAMPLE: 1540607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	334	314	94	57-101	
Pyrene	ug/kg	334	291	87	50-102	
2-Fluorobiphenyl (S)	%			86	19-96	
Terphenyl-d14 (S)	%			89	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1540608 1540609

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40152929003 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/kg	<4.8	396	396	396	272	249	68	63	37-102	9	29	
2-Methylnaphthalene	ug/kg	<5.9	396	396	396	268	256	67	64	44-91	5	36	
Acenaphthene	ug/kg	<4.6	396	396	396	300	300	76	76	46-97	0	26	
Acenaphthylene	ug/kg	<3.9	396	396	396	296	292	75	74	47-97	2	29	
Anthracene	ug/kg	<6.8	396	396	396	299	315	75	79	50-101	5	28	
Benzo(a)anthracene	ug/kg	5.4J	396	396	396	276	291	68	72	48-95	5	28	
Benzo(a)pyrene	ug/kg	7.4J	396	396	396	297	320	73	79	47-108	8	36	
Benzo(b)fluoranthene	ug/kg	8.2J	396	396	396	275	294	67	72	42-113	7	34	
Benzo(g,h,i)perylene	ug/kg	9.4	396	396	396	336	366	83	90	18-114	9	30	
Benzo(k)fluoranthene	ug/kg	7.6J	396	396	396	293	323	72	80	50-116	10	27	
Chrysene	ug/kg	10.2J	396	396	396	301	317	74	78	55-109	5	28	
Dibenz(a,h)anthracene	ug/kg	<2.6	396	396	396	331	359	83	90	39-105	8	29	
Fluoranthene	ug/kg	8.7J	396	396	396	292	316	72	78	41-107	8	28	
Fluorene	ug/kg	<4.9	396	396	396	293	300	74	76	48-99	2	28	
Indeno(1,2,3-cd)pyrene	ug/kg	6.4J	396	396	396	318	346	79	86	27-113	8	30	
Naphthalene	ug/kg	<10	396	396	396	266	253	67	64	40-91	5	37	
Phenanthrene	ug/kg	<13.8	396	396	396	295	315	73	78	46-101	6	40	
Pyrene	ug/kg	8.0J	396	396	396	282	299	69	74	50-102	6	31	
2-Fluorobiphenyl (S)	%							65	68	19-96			
Terphenyl-d14 (S)	%							69	77	31-98			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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QC Batch:	261259	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152907013, 40152907014, 40152907015, 40152907016, 40152907017, 40152907018, 40152907019, 40152907020, 40152907021, 40152907022, 40152907023, 40152907024, 40152907025, 40152907026, 40152907027, 40152907028, 40152907029, 40152907030, 40152907031		

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SAMPLE DUPLICATE: 1538307

Parameter	Units	40152980001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.8	5.7	1	10	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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QC Batch:	261468	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152907001, 40152907002, 40152907003, 40152907004, 40152907005, 40152907006, 40152907007, 40152907008, 40152907009, 40152907010, 40152907011, 40152907012		

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SAMPLE DUPLICATE: 1539472

Parameter	Units	40153079002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.7	20.4	8	10	

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### BATCH QUALIFIERS

Batch: 261436

[IP] Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

### ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152907001	B-17 2-4	EPA 3050	261114	EPA 6010	261253
40152907002	B-17 4-6	EPA 3050	261114	EPA 6010	261253
40152907003	B-17 6-8	EPA 3050	261114	EPA 6010	261253
40152907004	B-18 2-4	EPA 3050	261114	EPA 6010	261253
40152907005	B-18 4-6	EPA 3050	261114	EPA 6010	261253
40152907006	B-18 6-8	EPA 3050	261114	EPA 6010	261253
40152907007	B-19 2-4	EPA 3050	261114	EPA 6010	261253
40152907008	B-19 4-6	EPA 3050	261114	EPA 6010	261253
40152907009	B-19 8-10	EPA 3050	261114	EPA 6010	261253
40152907010	B-20 2-4	EPA 3050	261114	EPA 6010	261253
40152907011	B-20 6-8	EPA 3050	261114	EPA 6010	261253
40152907012	B-20 8-10	EPA 3050	261114	EPA 6010	261253
40152907013	B-21 2-4	EPA 3050	261114	EPA 6010	261253
40152907014	B-21 6-8	EPA 3050	261122	EPA 6010	261252
40152907015	B-21 8-10	EPA 3050	261122	EPA 6010	261252
40152907016	B-22 2-4	EPA 3050	261122	EPA 6010	261252
40152907017	B-22 6-8	EPA 3050	261122	EPA 6010	261252
40152907018	B-23 2-4	EPA 3050	261122	EPA 6010	261252
40152907019	B-23 6-8	EPA 3050	261122	EPA 6010	261252
40152907020	B-23 12-14	EPA 3050	261122	EPA 6010	261252
40152907021	B-24 2-4	EPA 3050	261122	EPA 6010	261252
40152907022	B-24 4-6	EPA 3050	261122	EPA 6010	261252
40152907023	B-24 8-10	EPA 3050	261122	EPA 6010	261252
40152907024	B-25 6-8	EPA 3050	261122	EPA 6010	261252
40152907025	B-25 10-12	EPA 3050	261122	EPA 6010	261252
40152907026	B-25 16-18	EPA 3050	261122	EPA 6010	261252
40152907027	B-25 18-20	EPA 3050	261122	EPA 6010	261252
40152907028	B-26 2-4	EPA 3050	261122	EPA 6010	261252
40152907029	B-26 6-8	EPA 3050	261122	EPA 6010	261252
40152907030	B-26 10-12	EPA 3050	261122	EPA 6010	261252
40152907031	B-26 14-16	EPA 3050	261122	EPA 6010	261252
40152907001	B-17 2-4	EPA 3546	261370	EPA 8270 by SIM	261457
40152907002	B-17 4-6	EPA 3546	261370	EPA 8270 by SIM	261457
40152907003	B-17 6-8	EPA 3546	261370	EPA 8270 by SIM	261457
40152907004	B-18 2-4	EPA 3546	261370	EPA 8270 by SIM	261457
40152907005	B-18 4-6	EPA 3546	261370	EPA 8270 by SIM	261457
40152907006	B-18 6-8	EPA 3546	261370	EPA 8270 by SIM	261457
40152907007	B-19 2-4	EPA 3546	261370	EPA 8270 by SIM	261457
40152907008	B-19 4-6	EPA 3546	261370	EPA 8270 by SIM	261457
40152907009	B-19 8-10	EPA 3546	261367	EPA 8270 by SIM	261436
40152907010	B-20 2-4	EPA 3546	261367	EPA 8270 by SIM	261436
40152907011	B-20 6-8	EPA 3546	261370	EPA 8270 by SIM	261457
40152907012	B-20 8-10	EPA 3546	261370	EPA 8270 by SIM	261457
40152907013	B-21 2-4	EPA 3546	261489	EPA 8270 by SIM	261520
40152907014	B-21 6-8	EPA 3546	261489	EPA 8270 by SIM	261520
40152907015	B-21 8-10	EPA 3546	261489	EPA 8270 by SIM	261520

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152907016	B-22 2-4	EPA 3546	261489	EPA 8270 by SIM	261520
40152907017	B-22 6-8	EPA 3546	261489	EPA 8270 by SIM	261520
40152907018	B-23 2-4	EPA 3546	261370	EPA 8270 by SIM	261457
40152907019	B-23 6-8	EPA 3546	261489	EPA 8270 by SIM	261520
40152907020	B-23 12-14	EPA 3546	261489	EPA 8270 by SIM	261520
40152907021	B-24 2-4	EPA 3546	261489	EPA 8270 by SIM	261520
40152907022	B-24 4-6	EPA 3546	261489	EPA 8270 by SIM	261520
40152907023	B-24 8-10	EPA 3546	261489	EPA 8270 by SIM	261520
40152907024	B-25 6-8	EPA 3546	261489	EPA 8270 by SIM	261520
40152907025	B-25 10-12	EPA 3546	261489	EPA 8270 by SIM	261520
40152907026	B-25 16-18	EPA 3546	261489	EPA 8270 by SIM	261520
40152907027	B-25 18-20	EPA 3546	261598	EPA 8270 by SIM	261684
40152907028	B-26 2-4	EPA 3546	261598	EPA 8270 by SIM	261684
40152907029	B-26 6-8	EPA 3546	261598	EPA 8270 by SIM	261684
40152907030	B-26 10-12	EPA 3546	261598	EPA 8270 by SIM	261684
40152907031	B-26 14-16	EPA 3546	261598	EPA 8270 by SIM	261684
40152907001	B-17 2-4	EPA 5035/5030B	261177	EPA 8260	261180
40152907002	B-17 4-6	EPA 5035/5030B	261173	EPA 8260	261174
40152907003	B-17 6-8	EPA 5035/5030B	261173	EPA 8260	261174
40152907004	B-18 2-4	EPA 5035/5030B	261173	EPA 8260	261174
40152907005	B-18 4-6	EPA 5035/5030B	261173	EPA 8260	261174
40152907006	B-18 6-8	EPA 5035/5030B	261173	EPA 8260	261174
40152907007	B-19 2-4	EPA 5035/5030B	261173	EPA 8260	261174
40152907008	B-19 4-6	EPA 5035/5030B	261173	EPA 8260	261174
40152907009	B-19 8-10	EPA 5035/5030B	261173	EPA 8260	261174
40152907010	B-20 2-4	EPA 5035/5030B	261173	EPA 8260	261174
40152907011	B-20 6-8	EPA 5035/5030B	261173	EPA 8260	261174
40152907012	B-20 8-10	EPA 5035/5030B	261173	EPA 8260	261174
40152907013	B-21 2-4	EPA 5035/5030B	261173	EPA 8260	261174
40152907014	B-21 6-8	EPA 5035/5030B	261173	EPA 8260	261174
40152907015	B-21 8-10	EPA 5035/5030B	261173	EPA 8260	261174
40152907016	B-22 2-4	EPA 5035/5030B	261173	EPA 8260	261174
40152907017	B-22 6-8	EPA 5035/5030B	261173	EPA 8260	261174
40152907018	B-23 2-4	EPA 5035/5030B	261173	EPA 8260	261174
40152907019	B-23 6-8	EPA 5035/5030B	261177	EPA 8260	261180
40152907020	B-23 12-14	EPA 5035/5030B	261177	EPA 8260	261180
40152907021	B-24 2-4	EPA 5035/5030B	261177	EPA 8260	261180
40152907022	B-24 4-6	EPA 5035/5030B	261177	EPA 8260	261180
40152907023	B-24 8-10	EPA 5035/5030B	261177	EPA 8260	261180
40152907024	B-25 6-8	EPA 5035/5030B	261177	EPA 8260	261180
40152907025	B-25 10-12	EPA 5035/5030B	261177	EPA 8260	261180
40152907026	B-25 16-18	EPA 5035/5030B	261177	EPA 8260	261180
40152907027	B-25 18-20	EPA 5035/5030B	261177	EPA 8260	261180
40152907028	B-26 2-4	EPA 5035/5030B	261177	EPA 8260	261180
40152907029	B-26 6-8	EPA 5035/5030B	261177	EPA 8260	261180
40152907030	B-26 10-12	EPA 5035/5030B	261177	EPA 8260	261180

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152907

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152907031	B-26 14-16	EPA 5035/5030B	261177	EPA 8260	261180
40152907001	B-17 2-4	ASTM D2974-87	261468		
40152907002	B-17 4-6	ASTM D2974-87	261468		
40152907003	B-17 6-8	ASTM D2974-87	261468		
40152907004	B-18 2-4	ASTM D2974-87	261468		
40152907005	B-18 4-6	ASTM D2974-87	261468		
40152907006	B-18 6-8	ASTM D2974-87	261468		
40152907007	B-19 2-4	ASTM D2974-87	261468		
40152907008	B-19 4-6	ASTM D2974-87	261468		
40152907009	B-19 8-10	ASTM D2974-87	261468		
40152907010	B-20 2-4	ASTM D2974-87	261468		
40152907011	B-20 6-8	ASTM D2974-87	261468		
40152907012	B-20 8-10	ASTM D2974-87	261468		
40152907013	B-21 2-4	ASTM D2974-87	261259		
40152907014	B-21 6-8	ASTM D2974-87	261259		
40152907015	B-21 8-10	ASTM D2974-87	261259		
40152907016	B-22 2-4	ASTM D2974-87	261259		
40152907017	B-22 6-8	ASTM D2974-87	261259		
40152907018	B-23 2-4	ASTM D2974-87	261259		
40152907019	B-23 6-8	ASTM D2974-87	261259		
40152907020	B-23 12-14	ASTM D2974-87	261259		
40152907021	B-24 2-4	ASTM D2974-87	261259		
40152907022	B-24 4-6	ASTM D2974-87	261259		
40152907023	B-24 8-10	ASTM D2974-87	261259		
40152907024	B-25 6-8	ASTM D2974-87	261259		
40152907025	B-25 10-12	ASTM D2974-87	261259		
40152907026	B-25 16-18	ASTM D2974-87	261259		
40152907027	B-25 18-20	ASTM D2974-87	261259		
40152907028	B-26 2-4	ASTM D2974-87	261259		
40152907029	B-26 6-8	ASTM D2974-87	261259		
40152907030	B-26 10-12	ASTM D2974-87	261259		
40152907031	B-26 14-16	ASTM D2974-87	261259		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

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# 40152907

Page 140 of 144

Page: **3** of **3**

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:	
Email To: kbugel@gilesengr.com		Purchase Order No.:		REGULATORY AGENCY	
Phone: 262-544-0118   Fax:		Project Name: The Couture		<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Site Location: WI STATE: WI	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)														Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.						
						DATE	TIME	DATE	TIME	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other	VOC	PAH			Arsenic	Lead	Selenium	Mercury		
1	B-25 6-8 (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	024 DW WT WW P SL OL WP AR OT TS	7/5/17 935		3	X									X	X	X										1-4020g #1-4020 #1-210ml x F
2	B-25 10-12	025	7/5/17 940		3	X									X	X											
3	B-25 16-18	026	7/5/17 945		3	X									X	X											
4	B-25 18-20	027	7/5/17 950		3	X									X	X											
5	B-26 2-4	028	7/5/17 1530		3	X									X	X											
6	B-26 6-8	029	7/5/17 1535		3	X									X	X											
7	B-26 10-12	030	7/5/17 1540		3	X									X	X											
8	B-26 14-16	031	7/5/17 1545		3	X									X	X											
9					3	X									X	X											
10					3	X									X	X											
11					3	X									X	X											
12					3	X									X	X											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	<i>[Signature]</i> Giles	7/17/17	0945	<i>[Signature]</i> Kimberly Pette Pace	7/17/17	0945	ROI	Y	N	Y

*In 3 coolers*

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
PRINT Name of SAMPLER:	Kelly Hayden				
SIGNATURE of SAMPLER:	<i>[Signature]</i>	DATE Signed (MM/DD/YY):	7/5/17		



Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Giles

Project #: WO#: 40152907

Courier: Fed Ex UPS Client Pace Other: CS Logistics

Tracking #: 193Z.070617



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RO1 /Corr: Biological Tissue is Frozen: yes

Temp Blank Present: yes no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 7-7-17
Initials: KR

Table with 15 rows for Chain of Custody Present, Chain of Custody Filled Out, Chain of Custody Relinquished, Sampler Name & Signature on COC, Samples Arrived within Hold Time, Short Hold Time Analysis, Rush Turn Around Time Requested, Sufficient Volume, Correct Containers Used, Containers Intact, Filtered volume received for Dissolved tests, Sample Labels match COC, All containers needing preservation have been checked, All containers needing preservation are found to be in compliance with EPA recommendation, Headspace in VOA Vials, Trip Blank Present, Trip Blank Custody Seals Present, Pace Trip Blank Lot #.

Client Notification/ Resolution:
Person Contacted: Date/Time:
Comments/ Resolution:

Project Manager Review: M for DM Date: 7-7-17



# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name: REGULATORY AGENCY	
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:	
Phone: 262-544-0118 Fax:		Project Name: The Couture		Pace Quote Reference:	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:	
				Pace Profile #:	
				Site Location: WI	
				STATE: WI	
				<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.		
						DATE	TIME	DATE	TIME	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other	Analysis Test ↓	VOC	PAH	Arsenic	Lead			Selenium	Mercury
1	B-17 2-4	SL	G	7/3/17	1140	3	X											X	X	X	X					
2	B-17 4-6	SL	G		1145	3	X											X	X	X	X					
3	B-17 6-8	SL	G		1150	3	X											X	X	X	X					
4	B-18 2-4	SL	G		1215	3	X											X	X	X	X					
5	B-18 4-6	SL	G		1220	3	X											X	X	X	X					
6	B-18 6-8	SL	G		1225	3	X											X	X	X	X					
7	B-19 2-4	SL	G		1300	3	X											X	X	X	X					
8	B-19 4-6	SL	G		1305	3	X											X	X	X	X					
9	B-19 8-10	SL	G		1310	3	X											X	X	X	X					
10	B-20 2-4	SL	G		1350	3	X											X	X	X	X					
11	B-20 6-8	SL	G		1355	3	X											X	X	X	X					
12	B-20 8-10	SL	G		1400	3	X											X	X	X	X					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	/ Giles	07/05/17					

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden					
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 7/3/17				

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.



### CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 3

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:	
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:	
Phone: 262-544-0118   Fax:		Project Name: The Couture		Pace Quote Reference:	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:	
				Pace Profile #:	
				REGULATORY AGENCY	
				<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
				Site Location: WI	
				STATE: WI	

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.							
		MATRIX	CODE			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol					Other	VOC	PAH	Arsenic	Lead	Selenium	Mercury
		DRINKING WATER	DW			DATE	TIME	DATE	TIME																				
1	B-21 2-4			SL	G	7/5/17	1510				3	X						X	X	X	X								
2	B-21 6-8			SL	G		1515				3	X						X	X										
3	B-21 8-10			SL	G		1520				3	X						X	X										
4	B-22 2-4			SL	G		1455				3	X						X	X										
5	B-22 6-8			SL	G		1500				3	X						X	X										
6	B-23 2-4			SL	G	7/3/17	1500				3	X						X	X										
7	B-23 6-8			SL	G		1505				3	X						X	X										
8	B-23 12-14			SL	G		1510				3	X						X	X										
9	B-24 2-4			SL	G		1520				3	X						X	X										
10	B-24 4-6			SL	G		1525				3	X						X	X										
11	B-24 8-10			SL	G		1530				3	X						X	X										
12				SL	G						3	X						X	X										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS																	
	<i>[Signature]</i> / Giles	07/05/17																						

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden	DATE Signed (MM/DD/YY): 7/5/17				
SIGNATURE of SAMPLER: <i>[Signature]</i>					



# CHAIN-OF-CUSTODY / Analytical Request Document

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<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: Giles Engineering Associates, Inc		Report To: Kevin Bugel kbugel@gilesengr.com		Attention:	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186		Copy To: Kelly Hayden khayden@gilesengr.com		Company Name:	
Email To: kbugel@gilesengr.com		Purchase Order No.:		Address:	
Phone: 262-544-0118   Fax:		Project Name: The Couture		Pace Quote Reference:	
Requested Due Date/TAT: 5 day		Project Number: 1E-1704004		Pace Project Manager:	
				Pace Profile #:	
				REGULATORY AGENCY	
				<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER	
				<input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
				Site Location	
				STATE: WI	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	COMPOSITE START	COMPOSITE END/GRAB	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.															
								DATE	TIME	DATE	TIME	UNPRESERVED	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>					Methanol	Other	VOC	PAH	Arsenic	Lead	Selenium	Mercury							
																														MATRIX CODE (see valid codes to left)		SAMPLE TYPE (G=GRAB C=COMP)				
																														SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE						
1	B-25 6-8	SL	G	7/5/17	935		3	X																												
2	B-25 10-18	SL	G		940		3	X																												
3	B-25 16-18	SL	G		945		3	X																												
4	B-25 18-20	SL	G		950		3	X																												
5	B-26 2-4	SL	G		1530		3	X																												
6	B-26 6-8	SL	G		1535		3	X																												
7	B-26 10-12	SL	G		1540		3	X																												
8	B-26 14-16	SL	G		1545		3	X																												
9		SL	G				3	X																												
10		SL	G				3	X																												
11		SL	G				3	X																												
12		SL	G				3	X																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		Giles			7/5/17		

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Kelly Hayden						
SIGNATURE of SAMPLER:			DATE Signed (MM/DD/YY): 7/5/17			

July 21, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on July 08, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

---

### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40152929001	B-27 2-4	Solid	07/07/17 11:00	07/08/17 08:10
40152929002	B-27 6-8	Solid	07/07/17 11:05	07/08/17 08:10
40152929003	B-27 10-12	Solid	07/07/17 11:10	07/08/17 08:10
40152929004	B-27 14-16	Solid	07/07/17 11:15	07/08/17 08:10
40152929005	B-28 2-4	Solid	07/07/17 11:20	07/08/17 08:10
40152929006	B-28 6-8	Solid	07/07/17 11:25	07/08/17 08:10
40152929007	B-28 8-10	Solid	07/07/17 11:30	07/08/17 08:10
40152929008	B-29 2-4	Solid	07/07/17 11:35	07/08/17 08:10
40152929009	B-29 6-8	Solid	07/07/17 11:40	07/08/17 08:10
40152929010	B-29 8-10	Solid	07/07/17 11:45	07/08/17 08:10

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152929001	B-27 2-4	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40152929002	B-27 6-8	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40152929003	B-27 10-12	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40152929004	B-27 14-16	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40152929005	B-28 2-4	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40152929006	B-28 6-8	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40152929007	B-28 8-10	EPA 6010	DLB	2	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40152929008	B-29 2-4	EPA 6010	DLB	2	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40152929009	B-29 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
40152929010	B-29 8-10	ASTM D2974-87	KTS	1	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152929001</b>	<b>B-27 2-4</b>					
EPA 6010	Arsenic	6.1	mg/kg	5.3	07/12/17 17:56	
EPA 6010	Lead	56.8	mg/kg	1.4	07/12/17 17:56	
EPA 7471	Mercury	0.17	mg/kg	0.039	07/12/17 11:53	
EPA 8270 by SIM	Acenaphthene	63.3J	ug/kg	71.6	07/19/17 10:44	
EPA 8270 by SIM	Acenaphthylene	24.7J	ug/kg	61.0	07/19/17 10:44	
EPA 8270 by SIM	Anthracene	208	ug/kg	105	07/19/17 10:44	
EPA 8270 by SIM	Benzo(a)anthracene	777	ug/kg	58.8	07/19/17 10:44	
EPA 8270 by SIM	Benzo(a)pyrene	1040	ug/kg	46.5	07/19/17 10:44	
EPA 8270 by SIM	Benzo(b)fluoranthene	1160	ug/kg	52.2	07/19/17 10:44	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1080	ug/kg	37.6	07/19/17 10:44	
EPA 8270 by SIM	Benzo(k)fluoranthene	911	ug/kg	46.4	07/19/17 10:44	
EPA 8270 by SIM	Chrysene	1040	ug/kg	62.2	07/19/17 10:44	
EPA 8270 by SIM	Dibenz(a,h)anthracene	332	ug/kg	41.3	07/19/17 10:44	L1
EPA 8270 by SIM	Fluoranthene	1380	ug/kg	96.6	07/19/17 10:44	
EPA 8270 by SIM	Fluorene	58.3J	ug/kg	76.6	07/19/17 10:44	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	850	ug/kg	40.7	07/19/17 10:44	
EPA 8270 by SIM	1-Methylnaphthalene	51.9J	ug/kg	74.4	07/19/17 10:44	
EPA 8270 by SIM	2-Methylnaphthalene	59.4J	ug/kg	92.7	07/19/17 10:44	
EPA 8270 by SIM	Naphthalene	61.8J	ug/kg	156	07/19/17 10:44	
EPA 8270 by SIM	Phenanthrene	741	ug/kg	215	07/19/17 10:44	
EPA 8270 by SIM	Pyrene	1210	ug/kg	83.2	07/19/17 10:44	
ASTM D2974-87	Percent Moisture	9.9	%	0.10	07/15/17 10:27	
<b>40152929002</b>	<b>B-27 6-8</b>					
EPA 6010	Arsenic	5.8	mg/kg	5.1	07/12/17 17:58	
EPA 6010	Lead	123	mg/kg	1.3	07/12/17 17:58	
EPA 7471	Mercury	0.20	mg/kg	0.039	07/12/17 11:55	
EPA 8270 by SIM	Acenaphthene	85.5	ug/kg	74.0	07/19/17 11:02	
EPA 8270 by SIM	Acenaphthylene	51.2J	ug/kg	63.1	07/19/17 11:02	
EPA 8270 by SIM	Anthracene	295	ug/kg	109	07/19/17 11:02	
EPA 8270 by SIM	Benzo(a)anthracene	632	ug/kg	60.8	07/19/17 11:02	
EPA 8270 by SIM	Benzo(a)pyrene	665	ug/kg	48.0	07/19/17 11:02	
EPA 8270 by SIM	Benzo(b)fluoranthene	510	ug/kg	54.0	07/19/17 11:02	
EPA 8270 by SIM	Benzo(g,h,i)perylene	514	ug/kg	38.8	07/19/17 11:02	
EPA 8270 by SIM	Benzo(k)fluoranthene	652	ug/kg	47.9	07/19/17 11:02	
EPA 8270 by SIM	Chrysene	691	ug/kg	64.2	07/19/17 11:02	
EPA 8270 by SIM	Dibenz(a,h)anthracene	168	ug/kg	42.7	07/19/17 11:02	L1
EPA 8270 by SIM	Fluoranthene	1410	ug/kg	99.8	07/19/17 11:02	
EPA 8270 by SIM	Fluorene	112	ug/kg	79.1	07/19/17 11:02	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	446	ug/kg	42.0	07/19/17 11:02	
EPA 8270 by SIM	1-Methylnaphthalene	94.7	ug/kg	76.8	07/19/17 11:02	
EPA 8270 by SIM	2-Methylnaphthalene	125	ug/kg	95.7	07/19/17 11:02	
EPA 8270 by SIM	Naphthalene	152J	ug/kg	161	07/19/17 11:02	
EPA 8270 by SIM	Phenanthrene	1120	ug/kg	222	07/19/17 11:02	
EPA 8270 by SIM	Pyrene	1160	ug/kg	86.0	07/19/17 11:02	
EPA 8260	p-Isopropyltoluene	14100	ug/kg	138	07/12/17 04:29	
ASTM D2974-87	Percent Moisture	13.0	%	0.10	07/15/17 10:27	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152929003</b>	<b>B-27 10-12</b>					
EPA 6010	Arsenic	4.4J	mg/kg	5.8	07/12/17 18:00	
EPA 6010	Lead	8.5	mg/kg	1.5	07/12/17 18:00	
EPA 8270 by SIM	Benzo(a)anthracene	5.4J	ug/kg	12.5	07/18/17 13:47	
EPA 8270 by SIM	Benzo(a)pyrene	7.4J	ug/kg	9.9	07/18/17 13:47	
EPA 8270 by SIM	Benzo(b)fluoranthene	8.2J	ug/kg	11.1	07/18/17 13:47	
EPA 8270 by SIM	Benzo(g,h,i)perylene	9.4	ug/kg	8.0	07/18/17 13:47	
EPA 8270 by SIM	Benzo(k)fluoranthene	7.6J	ug/kg	9.9	07/18/17 13:47	
EPA 8270 by SIM	Chrysene	10.2J	ug/kg	13.2	07/18/17 13:47	
EPA 8270 by SIM	Fluoranthene	8.7J	ug/kg	20.6	07/18/17 13:47	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	6.4J	ug/kg	8.7	07/18/17 13:47	
EPA 8270 by SIM	Pyrene	8.0J	ug/kg	17.7	07/18/17 13:47	
ASTM D2974-87	Percent Moisture	15.6	%	0.10	07/15/17 10:27	
<b>40152929004</b>	<b>B-27 14-16</b>					
EPA 6010	Arsenic	3.8J	mg/kg	5.4	07/12/17 18:03	
EPA 6010	Lead	10.2	mg/kg	1.4	07/12/17 18:03	
EPA 7471	Mercury	0.015J	mg/kg	0.039	07/12/17 12:00	
EPA 8270 by SIM	Acenaphthene	738	ug/kg	151	07/19/17 13:55	
EPA 8270 by SIM	Anthracene	1420	ug/kg	223	07/19/17 13:55	
EPA 8270 by SIM	Benzo(a)anthracene	1150	ug/kg	124	07/19/17 13:55	
EPA 8270 by SIM	Benzo(a)pyrene	1080	ug/kg	98.1	07/19/17 13:55	
EPA 8270 by SIM	Benzo(b)fluoranthene	893	ug/kg	110	07/19/17 13:55	
EPA 8270 by SIM	Benzo(g,h,i)perylene	698	ug/kg	79.4	07/19/17 13:55	
EPA 8270 by SIM	Benzo(k)fluoranthene	908	ug/kg	98.0	07/19/17 13:55	
EPA 8270 by SIM	Chrysene	1200	ug/kg	131	07/19/17 13:55	
EPA 8270 by SIM	Dibenz(a,h)anthracene	219	ug/kg	87.4	07/19/17 13:55	L1
EPA 8270 by SIM	Fluoranthene	4090	ug/kg	204	07/19/17 13:55	
EPA 8270 by SIM	Fluorene	580	ug/kg	162	07/19/17 13:55	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	644	ug/kg	85.9	07/19/17 13:55	
EPA 8270 by SIM	1-Methylnaphthalene	95.1J	ug/kg	157	07/19/17 13:55	
EPA 8270 by SIM	2-Methylnaphthalene	94.9J	ug/kg	196	07/19/17 13:55	
EPA 8270 by SIM	Phenanthrene	4270	ug/kg	455	07/19/17 13:55	
EPA 8270 by SIM	Pyrene	3090	ug/kg	176	07/19/17 13:55	
ASTM D2974-87	Percent Moisture	14.6	%	0.10	07/15/17 10:27	
<b>40152929005</b>	<b>B-28 2-4</b>					
EPA 6010	Arsenic	6.3	mg/kg	5.5	07/12/17 18:05	
EPA 6010	Lead	49.3	mg/kg	1.4	07/12/17 18:05	
EPA 7471	Mercury	0.11	mg/kg	0.038	07/12/17 12:02	
EPA 8270 by SIM	Acenaphthene	20.6J	ug/kg	28.7	07/19/17 11:19	
EPA 8270 by SIM	Acenaphthylene	9.2J	ug/kg	24.5	07/19/17 11:19	
EPA 8270 by SIM	Anthracene	47.8	ug/kg	42.3	07/19/17 11:19	
EPA 8270 by SIM	Benzo(a)anthracene	273	ug/kg	23.6	07/19/17 11:19	
EPA 8270 by SIM	Benzo(a)pyrene	435	ug/kg	18.6	07/19/17 11:19	
EPA 8270 by SIM	Benzo(b)fluoranthene	598	ug/kg	21.0	07/19/17 11:19	
EPA 8270 by SIM	Benzo(g,h,i)perylene	327	ug/kg	15.1	07/19/17 11:19	
EPA 8270 by SIM	Benzo(k)fluoranthene	340	ug/kg	18.6	07/19/17 11:19	
EPA 8270 by SIM	Chrysene	405	ug/kg	24.9	07/19/17 11:19	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152929005</b>	<b>B-28 2-4</b>					
EPA 8270 by SIM	Dibenz(a,h)anthracene	123	ug/kg	16.6	07/19/17 11:19	L1
EPA 8270 by SIM	Fluoranthene	381	ug/kg	38.8	07/19/17 11:19	
EPA 8270 by SIM	Fluorene	14.0J	ug/kg	30.7	07/19/17 11:19	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	296	ug/kg	16.3	07/19/17 11:19	
EPA 8270 by SIM	1-Methylnaphthalene	44.7	ug/kg	29.8	07/19/17 11:19	
EPA 8270 by SIM	2-Methylnaphthalene	58.1	ug/kg	37.2	07/19/17 11:19	
EPA 8270 by SIM	Naphthalene	68.0	ug/kg	62.6	07/19/17 11:19	
EPA 8270 by SIM	Phenanthrene	179	ug/kg	86.4	07/19/17 11:19	
EPA 8270 by SIM	Pyrene	354	ug/kg	33.4	07/19/17 11:19	
ASTM D2974-87	Percent Moisture	10.4	%	0.10	07/15/17 10:28	
<b>40152929006</b>	<b>B-28 6-8</b>					
EPA 6010	Arsenic	4.8J	mg/kg	5.3	07/12/17 18:08	
EPA 6010	Lead	45.7	mg/kg	1.4	07/12/17 18:08	
EPA 7471	Mercury	0.13	mg/kg	0.040	07/12/17 12:04	
EPA 8270 by SIM	Acenaphthene	14.2J	ug/kg	28.8	07/19/17 11:37	
EPA 8270 by SIM	Acenaphthylene	11.5J	ug/kg	24.5	07/19/17 11:37	
EPA 8270 by SIM	Anthracene	53.6	ug/kg	42.4	07/19/17 11:37	
EPA 8270 by SIM	Benzo(a)anthracene	180	ug/kg	23.7	07/19/17 11:37	
EPA 8270 by SIM	Benzo(a)pyrene	249	ug/kg	18.7	07/19/17 11:37	
EPA 8270 by SIM	Benzo(b)fluoranthene	255	ug/kg	21.0	07/19/17 11:37	
EPA 8270 by SIM	Benzo(g,h,i)perylene	202	ug/kg	15.1	07/19/17 11:37	
EPA 8270 by SIM	Benzo(k)fluoranthene	228	ug/kg	18.7	07/19/17 11:37	
EPA 8270 by SIM	Chrysene	238	ug/kg	25.0	07/19/17 11:37	
EPA 8270 by SIM	Dibenz(a,h)anthracene	73.6	ug/kg	16.6	07/19/17 11:37	L1
EPA 8270 by SIM	Fluoranthene	329	ug/kg	38.8	07/19/17 11:37	
EPA 8270 by SIM	Fluorene	14.4J	ug/kg	30.8	07/19/17 11:37	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	180	ug/kg	16.4	07/19/17 11:37	
EPA 8270 by SIM	1-Methylnaphthalene	18.9J	ug/kg	29.9	07/19/17 11:37	
EPA 8270 by SIM	2-Methylnaphthalene	25.6J	ug/kg	37.3	07/19/17 11:37	
EPA 8270 by SIM	Naphthalene	21.1J	ug/kg	62.7	07/19/17 11:37	
EPA 8270 by SIM	Phenanthrene	185	ug/kg	86.6	07/19/17 11:37	
EPA 8270 by SIM	Pyrene	286	ug/kg	33.5	07/19/17 11:37	
ASTM D2974-87	Percent Moisture	10.5	%	0.10	07/15/17 10:28	
<b>40152929007</b>	<b>B-28 8-10</b>					
EPA 6010	Arsenic	7.4J	mg/kg	11.2	07/13/17 10:21	D3
EPA 6010	Lead	737	mg/kg	2.9	07/13/17 10:21	
EPA 7471	Mercury	0.17	mg/kg	0.039	07/12/17 12:07	
EPA 8270 by SIM	Acenaphthene	77.8	ug/kg	73.1	07/19/17 11:54	
EPA 8270 by SIM	Anthracene	168	ug/kg	108	07/19/17 11:54	
EPA 8270 by SIM	Benzo(a)anthracene	434	ug/kg	60.1	07/19/17 11:54	
EPA 8270 by SIM	Benzo(a)pyrene	520	ug/kg	47.5	07/19/17 11:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	489	ug/kg	53.4	07/19/17 11:54	
EPA 8270 by SIM	Benzo(g,h,i)perylene	408	ug/kg	38.4	07/19/17 11:54	
EPA 8270 by SIM	Benzo(k)fluoranthene	523	ug/kg	47.4	07/19/17 11:54	
EPA 8270 by SIM	Chrysene	554	ug/kg	63.5	07/19/17 11:54	
EPA 8270 by SIM	Dibenz(a,h)anthracene	146	ug/kg	42.2	07/19/17 11:54	L1

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152929007</b>	<b>B-28 8-10</b>					
EPA 8270 by SIM	Fluoranthene	933	ug/kg	98.7	07/19/17 11:54	
EPA 8270 by SIM	Fluorene	65.7J	ug/kg	78.3	07/19/17 11:54	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	352	ug/kg	41.6	07/19/17 11:54	
EPA 8270 by SIM	2-Methylnaphthalene	29.7J	ug/kg	94.7	07/19/17 11:54	
EPA 8270 by SIM	Phenanthrene	678	ug/kg	220	07/19/17 11:54	
EPA 8270 by SIM	Pyrene	756	ug/kg	85.1	07/19/17 11:54	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	07/15/17 10:28	
<b>40152929008</b>	<b>B-29 2-4</b>					
EPA 6010	Arsenic	9.1	mg/kg	5.5	07/12/17 17:44	
EPA 6010	Lead	87.6	mg/kg	1.4	07/12/17 17:44	MO
EPA 8270 by SIM	Acenaphthene	92.3	ug/kg	71.0	07/19/17 10:27	
EPA 8270 by SIM	Acenaphthylene	22.5J	ug/kg	60.6	07/19/17 10:27	
EPA 8270 by SIM	Anthracene	266	ug/kg	105	07/19/17 10:27	
EPA 8270 by SIM	Benzo(a)anthracene	605	ug/kg	58.4	07/19/17 10:27	
EPA 8270 by SIM	Benzo(a)pyrene	790	ug/kg	46.1	07/19/17 10:27	
EPA 8270 by SIM	Benzo(b)fluoranthene	739	ug/kg	51.8	07/19/17 10:27	
EPA 8270 by SIM	Benzo(g,h,i)perylene	810	ug/kg	37.3	07/19/17 10:27	
EPA 8270 by SIM	Benzo(k)fluoranthene	792	ug/kg	46.0	07/19/17 10:27	
EPA 8270 by SIM	Chrysene	770	ug/kg	61.7	07/19/17 10:27	
EPA 8270 by SIM	Dibenz(a,h)anthracene	247	ug/kg	41.0	07/19/17 10:27	L1
EPA 8270 by SIM	Fluoranthene	1390	ug/kg	95.8	07/19/17 10:27	
EPA 8270 by SIM	Fluorene	71.6J	ug/kg	76.0	07/19/17 10:27	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	640	ug/kg	40.4	07/19/17 10:27	
EPA 8270 by SIM	1-Methylnaphthalene	35.2J	ug/kg	73.8	07/19/17 10:27	
EPA 8270 by SIM	2-Methylnaphthalene	42.1J	ug/kg	92.0	07/19/17 10:27	
EPA 8270 by SIM	Phenanthrene	801	ug/kg	214	07/19/17 10:27	
EPA 8270 by SIM	Pyrene	1100	ug/kg	82.6	07/19/17 10:27	
EPA 8260	Toluene	28.2J	ug/kg	66.1	07/12/17 10:57	
ASTM D2974-87	Percent Moisture	9.3	%	0.10	07/15/17 10:28	
<b>40152929009</b>	<b>B-29 6-8</b>					
EPA 6010	Arsenic	3.5J	mg/kg	5.0	07/12/17 18:13	
EPA 6010	Lead	53.1	mg/kg	1.3	07/12/17 18:13	
EPA 8270 by SIM	Acenaphthene	36.2	ug/kg	28.5	07/19/17 14:29	
EPA 8270 by SIM	Acenaphthylene	26.4	ug/kg	24.3	07/19/17 14:29	
EPA 8270 by SIM	Anthracene	106	ug/kg	42.0	07/19/17 14:29	
EPA 8270 by SIM	Benzo(a)anthracene	235	ug/kg	23.4	07/19/17 14:29	
EPA 8270 by SIM	Benzo(a)pyrene	279	ug/kg	18.5	07/19/17 14:29	
EPA 8270 by SIM	Benzo(b)fluoranthene	280	ug/kg	20.8	07/19/17 14:29	
EPA 8270 by SIM	Benzo(g,h,i)perylene	210	ug/kg	15.0	07/19/17 14:29	
EPA 8270 by SIM	Benzo(k)fluoranthene	244	ug/kg	18.5	07/19/17 14:29	
EPA 8270 by SIM	Chrysene	279	ug/kg	24.8	07/19/17 14:29	
EPA 8270 by SIM	Dibenz(a,h)anthracene	72.6	ug/kg	16.5	07/19/17 14:29	
EPA 8270 by SIM	Fluoranthene	487	ug/kg	38.5	07/19/17 14:29	
EPA 8270 by SIM	Fluorene	41.0	ug/kg	30.5	07/19/17 14:29	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	190	ug/kg	16.2	07/19/17 14:29	
EPA 8270 by SIM	1-Methylnaphthalene	23.1J	ug/kg	29.6	07/19/17 14:29	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40152929009</b>	<b>B-29 6-8</b>					
EPA 8270 by SIM	2-Methylnaphthalene	29.6J	ug/kg	36.9	07/19/17 14:29	
EPA 8270 by SIM	Naphthalene	37.0J	ug/kg	62.2	07/19/17 14:29	
EPA 8270 by SIM	Phenanthrene	389	ug/kg	85.8	07/19/17 14:29	
EPA 8270 by SIM	Pyrene	400	ug/kg	33.2	07/19/17 14:29	
ASTM D2974-87	Percent Moisture	9.6	%	0.10	07/15/17 10:28	
<b>40152929010</b>	<b>B-29 8-10</b>					
EPA 6010	Arsenic	5.6	mg/kg	5.0	07/12/17 18:20	
EPA 6010	Lead	209	mg/kg	1.3	07/12/17 18:20	
EPA 8270 by SIM	Acenaphthene	25.1J	ug/kg	58.4	07/19/17 14:47	
EPA 8270 by SIM	Acenaphthylene	63.6	ug/kg	49.8	07/19/17 14:47	
EPA 8270 by SIM	Anthracene	135	ug/kg	86.1	07/19/17 14:47	
EPA 8270 by SIM	Benzo(a)anthracene	339	ug/kg	48.0	07/19/17 14:47	
EPA 8270 by SIM	Benzo(a)pyrene	349	ug/kg	37.9	07/19/17 14:47	
EPA 8270 by SIM	Benzo(b)fluoranthene	281	ug/kg	42.6	07/19/17 14:47	
EPA 8270 by SIM	Benzo(g,h,i)perylene	205	ug/kg	30.7	07/19/17 14:47	
EPA 8270 by SIM	Benzo(k)fluoranthene	297	ug/kg	37.9	07/19/17 14:47	
EPA 8270 by SIM	Chrysene	365	ug/kg	50.7	07/19/17 14:47	
EPA 8270 by SIM	Dibenz(a,h)anthracene	85.9	ug/kg	33.7	07/19/17 14:47	
EPA 8270 by SIM	Fluoranthene	697	ug/kg	78.8	07/19/17 14:47	
EPA 8270 by SIM	Fluorene	28.2J	ug/kg	62.5	07/19/17 14:47	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	194	ug/kg	33.2	07/19/17 14:47	
EPA 8270 by SIM	Naphthalene	44.0J	ug/kg	127	07/19/17 14:47	
EPA 8270 by SIM	Phenanthrene	394	ug/kg	176	07/19/17 14:47	
EPA 8270 by SIM	Pyrene	594	ug/kg	68.0	07/19/17 14:47	
ASTM D2974-87	Percent Moisture	11.7	%	0.10	07/15/17 10:28	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-27 2-4**      **Lab ID: 40152929001**      Collected: 07/07/17 11:00      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6.1	mg/kg	5.3	1.1	1	07/11/17 16:04	07/12/17 17:56	7440-38-2	
Lead	56.8	mg/kg	1.4	0.46	1	07/11/17 16:04	07/12/17 17:56	7439-92-1	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.17	mg/kg	0.039	0.012	1	07/11/17 07:00	07/12/17 11:53	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	63.3J	ug/kg	71.6	21.5	5	07/17/17 08:38	07/19/17 10:44	83-32-9	
Acenaphthylene	24.7J	ug/kg	61.0	18.3	5	07/17/17 08:38	07/19/17 10:44	208-96-8	
Anthracene	208	ug/kg	105	31.7	5	07/17/17 08:38	07/19/17 10:44	120-12-7	
Benzo(a)anthracene	777	ug/kg	58.8	17.6	5	07/17/17 08:38	07/19/17 10:44	56-55-3	
Benzo(a)pyrene	1040	ug/kg	46.5	13.9	5	07/17/17 08:38	07/19/17 10:44	50-32-8	
Benzo(b)fluoranthene	1160	ug/kg	52.2	15.7	5	07/17/17 08:38	07/19/17 10:44	205-99-2	
Benzo(g,h,i)perylene	1080	ug/kg	37.6	11.3	5	07/17/17 08:38	07/19/17 10:44	191-24-2	
Benzo(k)fluoranthene	911	ug/kg	46.4	13.9	5	07/17/17 08:38	07/19/17 10:44	207-08-9	
Chrysene	1040	ug/kg	62.2	18.7	5	07/17/17 08:38	07/19/17 10:44	218-01-9	
Dibenz(a,h)anthracene	332	ug/kg	41.3	12.4	5	07/17/17 08:38	07/19/17 10:44	53-70-3	L1
Fluoranthene	1380	ug/kg	96.6	28.9	5	07/17/17 08:38	07/19/17 10:44	206-44-0	
Fluorene	58.3J	ug/kg	76.6	23.0	5	07/17/17 08:38	07/19/17 10:44	86-73-7	
Indeno(1,2,3-cd)pyrene	850	ug/kg	40.7	12.2	5	07/17/17 08:38	07/19/17 10:44	193-39-5	
1-Methylnaphthalene	51.9J	ug/kg	74.4	22.3	5	07/17/17 08:38	07/19/17 10:44	90-12-0	
2-Methylnaphthalene	59.4J	ug/kg	92.7	27.8	5	07/17/17 08:38	07/19/17 10:44	91-57-6	
Naphthalene	61.8J	ug/kg	156	46.7	5	07/17/17 08:38	07/19/17 10:44	91-20-3	
Phenanthrene	741	ug/kg	215	64.6	5	07/17/17 08:38	07/19/17 10:44	85-01-8	
Pyrene	1210	ug/kg	83.2	25.0	5	07/17/17 08:38	07/19/17 10:44	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	73	%	19-96		5	07/17/17 08:38	07/19/17 10:44	321-60-8	
Terphenyl-d14 (S)	72	%	31-98		5	07/17/17 08:38	07/19/17 10:44	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 08:37	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 08:37	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 08:37	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	95-49-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-27 2-4**      **Lab ID: 40152929001**      Collected: 07/07/17 11:00      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 08:37	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 08:37	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 08:37	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 08:37	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 08:37	1330-20-7	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

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**Sample: B-27 2-4**      **Lab ID: 40152929001**      Collected: 07/07/17 11:00      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Dibromofluoromethane (S)	132	%	68-130		1	07/11/17 12:45	07/12/17 08:37	1868-53-7	S3
Toluene-d8 (S)	120	%	68-149		1	07/11/17 12:45	07/12/17 08:37	2037-26-5	
4-Bromofluorobenzene (S)	111	%	58-141		1	07/11/17 12:45	07/12/17 08:37	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>9.9</b>	%	0.10	0.10	1		07/15/17 10:27		

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

Sample: B-27 6-8 Lab ID: 40152929002 Collected: 07/07/17 11:05 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.8	mg/kg	5.1	1.1	1	07/11/17 16:04	07/12/17 17:58	7440-38-2	
Lead	123	mg/kg	1.3	0.44	1	07/11/17 16:04	07/12/17 17:58	7439-92-1	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.20	mg/kg	0.039	0.012	1	07/11/17 07:00	07/12/17 11:55	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	85.5	ug/kg	74.0	22.3	5	07/17/17 08:38	07/19/17 11:02	83-32-9	
Acenaphthylene	51.2J	ug/kg	63.1	18.9	5	07/17/17 08:38	07/19/17 11:02	208-96-8	
Anthracene	295	ug/kg	109	32.7	5	07/17/17 08:38	07/19/17 11:02	120-12-7	
Benzo(a)anthracene	632	ug/kg	60.8	18.2	5	07/17/17 08:38	07/19/17 11:02	56-55-3	
Benzo(a)pyrene	665	ug/kg	48.0	14.4	5	07/17/17 08:38	07/19/17 11:02	50-32-8	
Benzo(b)fluoranthene	510	ug/kg	54.0	16.2	5	07/17/17 08:38	07/19/17 11:02	205-99-2	
Benzo(g,h,i)perylene	514	ug/kg	38.8	11.7	5	07/17/17 08:38	07/19/17 11:02	191-24-2	
Benzo(k)fluoranthene	652	ug/kg	47.9	14.4	5	07/17/17 08:38	07/19/17 11:02	207-08-9	
Chrysene	691	ug/kg	64.2	19.3	5	07/17/17 08:38	07/19/17 11:02	218-01-9	
Dibenz(a,h)anthracene	168	ug/kg	42.7	12.8	5	07/17/17 08:38	07/19/17 11:02	53-70-3	L1
Fluoranthene	1410	ug/kg	99.8	29.9	5	07/17/17 08:38	07/19/17 11:02	206-44-0	
Fluorene	112	ug/kg	79.1	23.7	5	07/17/17 08:38	07/19/17 11:02	86-73-7	
Indeno(1,2,3-cd)pyrene	446	ug/kg	42.0	12.6	5	07/17/17 08:38	07/19/17 11:02	193-39-5	
1-Methylnaphthalene	94.7	ug/kg	76.8	23.1	5	07/17/17 08:38	07/19/17 11:02	90-12-0	
2-Methylnaphthalene	125	ug/kg	95.7	28.7	5	07/17/17 08:38	07/19/17 11:02	91-57-6	
Naphthalene	152J	ug/kg	161	48.3	5	07/17/17 08:38	07/19/17 11:02	91-20-3	
Phenanthrene	1120	ug/kg	222	66.8	5	07/17/17 08:38	07/19/17 11:02	85-01-8	
Pyrene	1160	ug/kg	86.0	25.9	5	07/17/17 08:38	07/19/17 11:02	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	19-96		5	07/17/17 08:38	07/19/17 11:02	321-60-8	
Terphenyl-d14 (S)	66	%	31-98		5	07/17/17 08:38	07/19/17 11:02	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	71-43-2	W
Bromobenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	108-86-1	W
Bromochloromethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	74-97-5	W
Bromodichloromethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	75-27-4	W
Bromoform	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	75-25-2	W
Bromomethane	<140	ug/kg	500	140	2	07/11/17 12:45	07/12/17 04:29	74-83-9	W
n-Butylbenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	104-51-8	W
sec-Butylbenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	135-98-8	W
tert-Butylbenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	98-06-6	W
Carbon tetrachloride	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	56-23-5	W
Chlorobenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	108-90-7	W
Chloroethane	<134	ug/kg	500	134	2	07/11/17 12:45	07/12/17 04:29	75-00-3	W
Chloroform	<92.9	ug/kg	500	92.9	2	07/11/17 12:45	07/12/17 04:29	67-66-3	W
Chloromethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	74-87-3	W
2-Chlorotoluene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	95-49-8	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Sample: B-27 6-8 Lab ID: 40152929002 Collected: 07/07/17 11:05 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
4-Chlorotoluene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	106-43-4	W
1,2-Dibromo-3-chloropropane	<182	ug/kg	500	182	2	07/11/17 12:45	07/12/17 04:29	96-12-8	W
Dibromochloromethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	124-48-1	W
1,2-Dibromoethane (EDB)	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	106-93-4	W
Dibromomethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	74-95-3	W
1,2-Dichlorobenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	95-50-1	W
1,3-Dichlorobenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	541-73-1	W
1,4-Dichlorobenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	106-46-7	W
Dichlorodifluoromethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	75-71-8	W
1,1-Dichloroethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	75-34-3	W
1,2-Dichloroethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	107-06-2	W
1,1-Dichloroethene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	75-35-4	W
cis-1,2-Dichloroethene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	156-59-2	W
trans-1,2-Dichloroethene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	156-60-5	W
1,2-Dichloropropane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	78-87-5	W
1,3-Dichloropropane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	142-28-9	W
2,2-Dichloropropane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	594-20-7	W
1,1-Dichloropropene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	563-58-6	W
cis-1,3-Dichloropropene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	10061-01-5	W
trans-1,3-Dichloropropene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	10061-02-6	W
Diisopropyl ether	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	108-20-3	W
Ethylbenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	100-41-4	W
Hexachloro-1,3-butadiene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	87-68-3	W
Isopropylbenzene (Cumene)	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	98-82-8	W
p-Isopropyltoluene	14100	ug/kg	138	57.4	2	07/11/17 12:45	07/12/17 04:29	99-87-6	
Methylene Chloride	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	75-09-2	W
Methyl-tert-butyl ether	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	1634-04-4	W
Naphthalene	<80.1	ug/kg	500	80.1	2	07/11/17 12:45	07/12/17 04:29	91-20-3	W
n-Propylbenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	103-65-1	W
Styrene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	100-42-5	W
1,1,1,2-Tetrachloroethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	79-34-5	W
Tetrachloroethene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	127-18-4	W
Toluene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	108-88-3	W
1,2,3-Trichlorobenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	87-61-6	W
1,2,4-Trichlorobenzene	<95.1	ug/kg	500	95.1	2	07/11/17 12:45	07/12/17 04:29	120-82-1	W
1,1,1-Trichloroethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	71-55-6	W
1,1,2-Trichloroethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	79-00-5	W
Trichloroethene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	79-01-6	W
Trichlorofluoromethane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	75-69-4	W
1,2,3-Trichloropropane	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	96-18-4	W
1,2,4-Trimethylbenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	95-63-6	W
1,3,5-Trimethylbenzene	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	108-67-8	W
Vinyl chloride	<50.0	ug/kg	120	50.0	2	07/11/17 12:45	07/12/17 04:29	75-01-4	W
Xylene (Total)	<150	ug/kg	360	150	2	07/11/17 12:45	07/12/17 04:29	1330-20-7	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

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**Sample: B-27 6-8**      **Lab ID: 40152929002**      Collected: 07/07/17 11:05      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Dibromofluoromethane (S)	102	%	68-130		2	07/11/17 12:45	07/12/17 04:29	1868-53-7	1q
Toluene-d8 (S)	96	%	68-149		2	07/11/17 12:45	07/12/17 04:29	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		2	07/11/17 12:45	07/12/17 04:29	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>13.0</b>	%	0.10	0.10	1		07/15/17 10:27		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-27 10-12**      **Lab ID: 40152929003**      Collected: 07/07/17 11:10      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>4.4J</b>	mg/kg	5.8	1.2	1	07/11/17 16:04	07/12/17 18:00	7440-38-2	
Lead	<b>8.5</b>	mg/kg	1.5	0.50	1	07/11/17 16:04	07/12/17 18:00	7439-92-1	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	<b>&lt;0.012</b>	mg/kg	0.042	0.012	1	07/11/17 07:00	07/12/17 11:57	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>&lt;4.6</b>	ug/kg	15.3	4.6	1	07/17/17 08:38	07/18/17 13:47	83-32-9	
Acenaphthylene	<b>&lt;3.9</b>	ug/kg	13.0	3.9	1	07/17/17 08:38	07/18/17 13:47	208-96-8	
Anthracene	<b>&lt;6.8</b>	ug/kg	22.5	6.8	1	07/17/17 08:38	07/18/17 13:47	120-12-7	
Benzo(a)anthracene	<b>5.4J</b>	ug/kg	12.5	3.8	1	07/17/17 08:38	07/18/17 13:47	56-55-3	
Benzo(a)pyrene	<b>7.4J</b>	ug/kg	9.9	3.0	1	07/17/17 08:38	07/18/17 13:47	50-32-8	
Benzo(b)fluoranthene	<b>8.2J</b>	ug/kg	11.1	3.3	1	07/17/17 08:38	07/18/17 13:47	205-99-2	
Benzo(g,h,i)perylene	<b>9.4</b>	ug/kg	8.0	2.4	1	07/17/17 08:38	07/18/17 13:47	191-24-2	
Benzo(k)fluoranthene	<b>7.6J</b>	ug/kg	9.9	3.0	1	07/17/17 08:38	07/18/17 13:47	207-08-9	
Chrysene	<b>10.2J</b>	ug/kg	13.2	4.0	1	07/17/17 08:38	07/18/17 13:47	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;2.6</b>	ug/kg	8.8	2.6	1	07/17/17 08:38	07/18/17 13:47	53-70-3	L1
Fluoranthene	<b>8.7J</b>	ug/kg	20.6	6.2	1	07/17/17 08:38	07/18/17 13:47	206-44-0	
Fluorene	<b>&lt;4.9</b>	ug/kg	16.3	4.9	1	07/17/17 08:38	07/18/17 13:47	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>6.4J</b>	ug/kg	8.7	2.6	1	07/17/17 08:38	07/18/17 13:47	193-39-5	
1-Methylnaphthalene	<b>&lt;4.8</b>	ug/kg	15.9	4.8	1	07/17/17 08:38	07/18/17 13:47	90-12-0	
2-Methylnaphthalene	<b>&lt;5.9</b>	ug/kg	19.8	5.9	1	07/17/17 08:38	07/18/17 13:47	91-57-6	
Naphthalene	<b>&lt;10</b>	ug/kg	33.2	10	1	07/17/17 08:38	07/18/17 13:47	91-20-3	
Phenanthrene	<b>&lt;13.8</b>	ug/kg	45.9	13.8	1	07/17/17 08:38	07/18/17 13:47	85-01-8	
Pyrene	<b>8.0J</b>	ug/kg	17.7	5.3	1	07/17/17 08:38	07/18/17 13:47	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	72	%	19-96		1	07/17/17 08:38	07/18/17 13:47	321-60-8	
Terphenyl-d14 (S)	78	%	31-98		1	07/17/17 08:38	07/18/17 13:47	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 09:00	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 09:00	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 09:00	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	95-49-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

Sample: B-27 10-12 Lab ID: 40152929003 Collected: 07/07/17 11:10 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 09:00	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 09:00	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 09:00	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:00	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 09:00	1330-20-7	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

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**Sample: B-27 10-12**      **Lab ID: 40152929003**      Collected: 07/07/17 11:10      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	68-130		1	07/11/17 12:45	07/12/17 09:00	1868-53-7	
Toluene-d8 (S)	106	%	68-149		1	07/11/17 12:45	07/12/17 09:00	2037-26-5	
4-Bromofluorobenzene (S)	91	%	58-141		1	07/11/17 12:45	07/12/17 09:00	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>15.6</b>	%	0.10	0.10	1		07/15/17 10:27		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-27 14-16**      **Lab ID: 40152929004**      Collected: 07/07/17 11:15      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>3.8J</b>	mg/kg	5.4	1.1	1	07/11/17 16:04	07/12/17 18:03	7440-38-2	
Lead	<b>10.2</b>	mg/kg	1.4	0.47	1	07/11/17 16:04	07/12/17 18:03	7439-92-1	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	<b>0.015J</b>	mg/kg	0.039	0.012	1	07/11/17 07:00	07/12/17 12:00	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>738</b>	ug/kg	151	45.5	10	07/17/17 08:38	07/19/17 13:55	83-32-9	
Acenaphthylene	<b>&lt;38.6</b>	ug/kg	129	38.6	10	07/17/17 08:38	07/19/17 13:55	208-96-8	
Anthracene	<b>1420</b>	ug/kg	223	67.0	10	07/17/17 08:38	07/19/17 13:55	120-12-7	
Benzo(a)anthracene	<b>1150</b>	ug/kg	124	37.2	10	07/17/17 08:38	07/19/17 13:55	56-55-3	
Benzo(a)pyrene	<b>1080</b>	ug/kg	98.1	29.5	10	07/17/17 08:38	07/19/17 13:55	50-32-8	
Benzo(b)fluoranthene	<b>893</b>	ug/kg	110	33.1	10	07/17/17 08:38	07/19/17 13:55	205-99-2	
Benzo(g,h,i)perylene	<b>698</b>	ug/kg	79.4	23.8	10	07/17/17 08:38	07/19/17 13:55	191-24-2	
Benzo(k)fluoranthene	<b>908</b>	ug/kg	98.0	29.4	10	07/17/17 08:38	07/19/17 13:55	207-08-9	
Chrysene	<b>1200</b>	ug/kg	131	39.5	10	07/17/17 08:38	07/19/17 13:55	218-01-9	
Dibenz(a,h)anthracene	<b>219</b>	ug/kg	87.4	26.2	10	07/17/17 08:38	07/19/17 13:55	53-70-3	L1
Fluoranthene	<b>4090</b>	ug/kg	204	61.1	10	07/17/17 08:38	07/19/17 13:55	206-44-0	
Fluorene	<b>580</b>	ug/kg	162	48.5	10	07/17/17 08:38	07/19/17 13:55	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>644</b>	ug/kg	85.9	25.8	10	07/17/17 08:38	07/19/17 13:55	193-39-5	
1-Methylnaphthalene	<b>95.1J</b>	ug/kg	157	47.2	10	07/17/17 08:38	07/19/17 13:55	90-12-0	
2-Methylnaphthalene	<b>94.9J</b>	ug/kg	196	58.7	10	07/17/17 08:38	07/19/17 13:55	91-57-6	
Naphthalene	<b>&lt;98.7</b>	ug/kg	329	98.7	10	07/17/17 08:38	07/19/17 13:55	91-20-3	
Phenanthrene	<b>4270</b>	ug/kg	455	137	10	07/17/17 08:38	07/19/17 13:55	85-01-8	
Pyrene	<b>3090</b>	ug/kg	176	52.9	10	07/17/17 08:38	07/19/17 13:55	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	19-96		10	07/17/17 08:38	07/19/17 13:55	321-60-8	
Terphenyl-d14 (S)	60	%	31-98		10	07/17/17 08:38	07/19/17 13:55	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 09:23	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 09:23	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 09:23	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	95-49-8	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Sample: B-27 14-16 Lab ID: 40152929004 Collected: 07/07/17 11:15 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 09:23	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 09:23	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 09:23	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:23	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 09:23	1330-20-7	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-27 14-16**      **Lab ID: 40152929004**      Collected: 07/07/17 11:15      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	68-130		1	07/11/17 12:45	07/12/17 09:23	1868-53-7	
Toluene-d8 (S)	108	%	68-149		1	07/11/17 12:45	07/12/17 09:23	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	07/11/17 12:45	07/12/17 09:23	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>14.6</b>	%	0.10	0.10	1		07/15/17 10:27		

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-28 2-4**      **Lab ID: 40152929005**      Collected: 07/07/17 11:20      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>6.3</b>	mg/kg	5.5	1.2	1	07/11/17 16:04	07/12/17 18:05	7440-38-2	
Lead	<b>49.3</b>	mg/kg	1.4	0.48	1	07/11/17 16:04	07/12/17 18:05	7439-92-1	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<b>0.11</b>	mg/kg	0.038	0.011	1	07/11/17 07:00	07/12/17 12:02	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>20.6J</b>	ug/kg	28.7	8.6	2	07/17/17 08:38	07/19/17 11:19	83-32-9	
Acenaphthylene	<b>9.2J</b>	ug/kg	24.5	7.3	2	07/17/17 08:38	07/19/17 11:19	208-96-8	
Anthracene	<b>47.8</b>	ug/kg	42.3	12.7	2	07/17/17 08:38	07/19/17 11:19	120-12-7	
Benzo(a)anthracene	<b>273</b>	ug/kg	23.6	7.1	2	07/17/17 08:38	07/19/17 11:19	56-55-3	
Benzo(a)pyrene	<b>435</b>	ug/kg	18.6	5.6	2	07/17/17 08:38	07/19/17 11:19	50-32-8	
Benzo(b)fluoranthene	<b>598</b>	ug/kg	21.0	6.3	2	07/17/17 08:38	07/19/17 11:19	205-99-2	
Benzo(g,h,i)perylene	<b>327</b>	ug/kg	15.1	4.5	2	07/17/17 08:38	07/19/17 11:19	191-24-2	
Benzo(k)fluoranthene	<b>340</b>	ug/kg	18.6	5.6	2	07/17/17 08:38	07/19/17 11:19	207-08-9	
Chrysene	<b>405</b>	ug/kg	24.9	7.5	2	07/17/17 08:38	07/19/17 11:19	218-01-9	
Dibenz(a,h)anthracene	<b>123</b>	ug/kg	16.6	5.0	2	07/17/17 08:38	07/19/17 11:19	53-70-3	L1
Fluoranthene	<b>381</b>	ug/kg	38.8	11.6	2	07/17/17 08:38	07/19/17 11:19	206-44-0	
Fluorene	<b>14.0J</b>	ug/kg	30.7	9.2	2	07/17/17 08:38	07/19/17 11:19	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>296</b>	ug/kg	16.3	4.9	2	07/17/17 08:38	07/19/17 11:19	193-39-5	
1-Methylnaphthalene	<b>44.7</b>	ug/kg	29.8	9.0	2	07/17/17 08:38	07/19/17 11:19	90-12-0	
2-Methylnaphthalene	<b>58.1</b>	ug/kg	37.2	11.1	2	07/17/17 08:38	07/19/17 11:19	91-57-6	
Naphthalene	<b>68.0</b>	ug/kg	62.6	18.8	2	07/17/17 08:38	07/19/17 11:19	91-20-3	
Phenanthrene	<b>179</b>	ug/kg	86.4	25.9	2	07/17/17 08:38	07/19/17 11:19	85-01-8	
Pyrene	<b>354</b>	ug/kg	33.4	10.1	2	07/17/17 08:38	07/19/17 11:19	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	54	%	19-96		2	07/17/17 08:38	07/19/17 11:19	321-60-8	
Terphenyl-d14 (S)	55	%	31-98		2	07/17/17 08:38	07/19/17 11:19	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 09:48	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 09:48	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 09:48	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	95-49-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Sample: B-28 2-4 Lab ID: 40152929005 Collected: 07/07/17 11:20 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 09:48	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 09:48	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 09:48	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 09:48	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 09:48	1330-20-7	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

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**Sample: B-28 2-4**      **Lab ID: 40152929005**      Collected: 07/07/17 11:20      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Dibromofluoromethane (S)	118	%	68-130		1	07/11/17 12:45	07/12/17 09:48	1868-53-7	
Toluene-d8 (S)	115	%	68-149		1	07/11/17 12:45	07/12/17 09:48	2037-26-5	
4-Bromofluorobenzene (S)	98	%	58-141		1	07/11/17 12:45	07/12/17 09:48	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>10.4</b>	%	0.10	0.10	1		07/15/17 10:28		

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-28 6-8**      **Lab ID: 40152929006**      Collected: 07/07/17 11:25      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3050									
Arsenic	<b>4.8J</b>	mg/kg	5.3	1.1	1	07/11/17 16:04	07/12/17 18:08	7440-38-2	
Lead	<b>45.7</b>	mg/kg	1.4	0.46	1	07/11/17 16:04	07/12/17 18:08	7439-92-1	
<b>7471 Mercury</b> Analytical Method: EPA 7471      Preparation Method: EPA 7471									
Mercury	<b>0.13</b>	mg/kg	0.040	0.012	1	07/11/17 07:00	07/12/17 12:04	7439-97-6	
<b>8270 MSSV PAH by SIM</b> Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3546									
Acenaphthene	<b>14.2J</b>	ug/kg	28.8	8.7	2	07/17/17 08:38	07/19/17 11:37	83-32-9	
Acenaphthylene	<b>11.5J</b>	ug/kg	24.5	7.4	2	07/17/17 08:38	07/19/17 11:37	208-96-8	
Anthracene	<b>53.6</b>	ug/kg	42.4	12.7	2	07/17/17 08:38	07/19/17 11:37	120-12-7	
Benzo(a)anthracene	<b>180</b>	ug/kg	23.7	7.1	2	07/17/17 08:38	07/19/17 11:37	56-55-3	
Benzo(a)pyrene	<b>249</b>	ug/kg	18.7	5.6	2	07/17/17 08:38	07/19/17 11:37	50-32-8	
Benzo(b)fluoranthene	<b>255</b>	ug/kg	21.0	6.3	2	07/17/17 08:38	07/19/17 11:37	205-99-2	
Benzo(g,h,i)perylene	<b>202</b>	ug/kg	15.1	4.5	2	07/17/17 08:38	07/19/17 11:37	191-24-2	
Benzo(k)fluoranthene	<b>228</b>	ug/kg	18.7	5.6	2	07/17/17 08:38	07/19/17 11:37	207-08-9	
Chrysene	<b>238</b>	ug/kg	25.0	7.5	2	07/17/17 08:38	07/19/17 11:37	218-01-9	
Dibenz(a,h)anthracene	<b>73.6</b>	ug/kg	16.6	5.0	2	07/17/17 08:38	07/19/17 11:37	53-70-3	L1
Fluoranthene	<b>329</b>	ug/kg	38.8	11.6	2	07/17/17 08:38	07/19/17 11:37	206-44-0	
Fluorene	<b>14.4J</b>	ug/kg	30.8	9.2	2	07/17/17 08:38	07/19/17 11:37	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>180</b>	ug/kg	16.4	4.9	2	07/17/17 08:38	07/19/17 11:37	193-39-5	
1-Methylnaphthalene	<b>18.9J</b>	ug/kg	29.9	9.0	2	07/17/17 08:38	07/19/17 11:37	90-12-0	
2-Methylnaphthalene	<b>25.6J</b>	ug/kg	37.3	11.2	2	07/17/17 08:38	07/19/17 11:37	91-57-6	
Naphthalene	<b>21.1J</b>	ug/kg	62.7	18.8	2	07/17/17 08:38	07/19/17 11:37	91-20-3	
Phenanthrene	<b>185</b>	ug/kg	86.6	26.0	2	07/17/17 08:38	07/19/17 11:37	85-01-8	
Pyrene	<b>286</b>	ug/kg	33.5	10.1	2	07/17/17 08:38	07/19/17 11:37	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	60	%	19-96		2	07/17/17 08:38	07/19/17 11:37	321-60-8	
Terphenyl-d14 (S)	62	%	31-98		2	07/17/17 08:38	07/19/17 11:37	1718-51-0	
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 10:11	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 10:11	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 10:11	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	95-49-8	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-28 6-8**      **Lab ID: 40152929006**      Collected: 07/07/17 11:25      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 10:11	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 10:11	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 10:11	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:11	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 10:11	1330-20-7	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-28 6-8**      **Lab ID: 40152929006**      Collected: 07/07/17 11:25      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Dibromofluoromethane (S)	117	%	68-130		1	07/11/17 12:45	07/12/17 10:11	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	07/11/17 12:45	07/12/17 10:11	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	07/11/17 12:45	07/12/17 10:11	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>10.5</b>	%	0.10	0.10	1		07/15/17 10:28		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-28 8-10**      **Lab ID: 40152929007**      Collected: 07/07/17 11:30      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>7.4J</b>	mg/kg	11.2	2.4	2	07/11/17 16:04	07/13/17 10:21	7440-38-2	D3
Lead	<b>737</b>	mg/kg	2.9	0.97	2	07/11/17 16:04	07/13/17 10:21	7439-92-1	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Mercury	<b>0.17</b>	mg/kg	0.039	0.012	1	07/11/17 07:00	07/12/17 12:07	7439-97-6	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>77.8</b>	ug/kg	73.1	22.0	5	07/17/17 08:38	07/19/17 11:54	83-32-9	
Acenaphthylene	<b>&lt;18.7</b>	ug/kg	62.4	18.7	5	07/17/17 08:38	07/19/17 11:54	208-96-8	
Anthracene	<b>168</b>	ug/kg	108	32.4	5	07/17/17 08:38	07/19/17 11:54	120-12-7	
Benzo(a)anthracene	<b>434</b>	ug/kg	60.1	18.0	5	07/17/17 08:38	07/19/17 11:54	56-55-3	
Benzo(a)pyrene	<b>520</b>	ug/kg	47.5	14.2	5	07/17/17 08:38	07/19/17 11:54	50-32-8	
Benzo(b)fluoranthene	<b>489</b>	ug/kg	53.4	16.0	5	07/17/17 08:38	07/19/17 11:54	205-99-2	
Benzo(g,h,i)perylene	<b>408</b>	ug/kg	38.4	11.5	5	07/17/17 08:38	07/19/17 11:54	191-24-2	
Benzo(k)fluoranthene	<b>523</b>	ug/kg	47.4	14.2	5	07/17/17 08:38	07/19/17 11:54	207-08-9	
Chrysene	<b>554</b>	ug/kg	63.5	19.1	5	07/17/17 08:38	07/19/17 11:54	218-01-9	
Dibenz(a,h)anthracene	<b>146</b>	ug/kg	42.2	12.7	5	07/17/17 08:38	07/19/17 11:54	53-70-3	L1
Fluoranthene	<b>933</b>	ug/kg	98.7	29.5	5	07/17/17 08:38	07/19/17 11:54	206-44-0	
Fluorene	<b>65.7J</b>	ug/kg	78.3	23.5	5	07/17/17 08:38	07/19/17 11:54	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>352</b>	ug/kg	41.6	12.5	5	07/17/17 08:38	07/19/17 11:54	193-39-5	
1-Methylnaphthalene	<b>&lt;22.8</b>	ug/kg	76.0	22.8	5	07/17/17 08:38	07/19/17 11:54	90-12-0	
2-Methylnaphthalene	<b>29.7J</b>	ug/kg	94.7	28.4	5	07/17/17 08:38	07/19/17 11:54	91-57-6	
Naphthalene	<b>&lt;47.8</b>	ug/kg	159	47.8	5	07/17/17 08:38	07/19/17 11:54	91-20-3	
Phenanthrene	<b>678</b>	ug/kg	220	66.1	5	07/17/17 08:38	07/19/17 11:54	85-01-8	
Pyrene	<b>756</b>	ug/kg	85.1	25.6	5	07/17/17 08:38	07/19/17 11:54	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	19-96		5	07/17/17 08:38	07/19/17 11:54	321-60-8	
Terphenyl-d14 (S)	66	%	31-98		5	07/17/17 08:38	07/19/17 11:54	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 10:34	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 10:34	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 10:34	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	95-49-8	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

Sample: B-28 8-10 Lab ID: 40152929007 Collected: 07/07/17 11:30 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 10:34	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 10:34	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 10:34	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:34	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 10:34	1330-20-7	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

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**Sample: B-28 8-10**      **Lab ID: 40152929007**    Collected: 07/07/17 11:30    Received: 07/08/17 08:10    Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	07/11/17 12:45	07/12/17 10:34	1868-53-7	
Toluene-d8 (S)	116	%	68-149		1	07/11/17 12:45	07/12/17 10:34	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	07/11/17 12:45	07/12/17 10:34	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>12.0</b>	%	0.10	0.10	1		07/15/17 10:28		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

**Sample: B-29 2-4**      **Lab ID: 40152929008**      Collected: 07/07/17 11:35      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	9.1	mg/kg	5.5	1.2	1	07/11/17 16:04	07/12/17 17:44	7440-38-2	
Lead	87.6	mg/kg	1.4	0.48	1	07/11/17 16:04	07/12/17 17:44	7439-92-1	M0
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	92.3	ug/kg	71.0	21.4	5	07/17/17 08:38	07/19/17 10:27	83-32-9	
Acenaphthylene	22.5J	ug/kg	60.6	18.1	5	07/17/17 08:38	07/19/17 10:27	208-96-8	
Anthracene	266	ug/kg	105	31.4	5	07/17/17 08:38	07/19/17 10:27	120-12-7	
Benzo(a)anthracene	605	ug/kg	58.4	17.5	5	07/17/17 08:38	07/19/17 10:27	56-55-3	
Benzo(a)pyrene	790	ug/kg	46.1	13.8	5	07/17/17 08:38	07/19/17 10:27	50-32-8	
Benzo(b)fluoranthene	739	ug/kg	51.8	15.6	5	07/17/17 08:38	07/19/17 10:27	205-99-2	
Benzo(g,h,i)perylene	810	ug/kg	37.3	11.2	5	07/17/17 08:38	07/19/17 10:27	191-24-2	
Benzo(k)fluoranthene	792	ug/kg	46.0	13.8	5	07/17/17 08:38	07/19/17 10:27	207-08-9	
Chrysene	770	ug/kg	61.7	18.6	5	07/17/17 08:38	07/19/17 10:27	218-01-9	
Dibenz(a,h)anthracene	247	ug/kg	41.0	12.3	5	07/17/17 08:38	07/19/17 10:27	53-70-3	L1
Fluoranthene	1390	ug/kg	95.8	28.7	5	07/17/17 08:38	07/19/17 10:27	206-44-0	
Fluorene	71.6J	ug/kg	76.0	22.8	5	07/17/17 08:38	07/19/17 10:27	86-73-7	
Indeno(1,2,3-cd)pyrene	640	ug/kg	40.4	12.1	5	07/17/17 08:38	07/19/17 10:27	193-39-5	
1-Methylnaphthalene	35.2J	ug/kg	73.8	22.2	5	07/17/17 08:38	07/19/17 10:27	90-12-0	
2-Methylnaphthalene	42.1J	ug/kg	92.0	27.5	5	07/17/17 08:38	07/19/17 10:27	91-57-6	
Naphthalene	<46.4	ug/kg	155	46.4	5	07/17/17 08:38	07/19/17 10:27	91-20-3	
Phenanthrene	801	ug/kg	214	64.1	5	07/17/17 08:38	07/19/17 10:27	85-01-8	
Pyrene	1100	ug/kg	82.6	24.8	5	07/17/17 08:38	07/19/17 10:27	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	19-96		5	07/17/17 08:38	07/19/17 10:27	321-60-8	
Terphenyl-d14 (S)	61	%	31-98		5	07/17/17 08:38	07/19/17 10:27	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 10:57	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 10:57	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 10:57	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 10:57	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	124-48-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Sample: B-29 2-4 Lab ID: 40152929008 Collected: 07/07/17 11:35 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 10:57	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	127-18-4	W
Toluene	28.2J	ug/kg	66.1	27.6	1	07/11/17 12:45	07/12/17 10:57	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 10:57	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 10:57	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 10:57	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	68-130		1	07/11/17 12:45	07/12/17 10:57	1868-53-7	
Toluene-d8 (S)	114	%	68-149		1	07/11/17 12:45	07/12/17 10:57	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

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**Sample: B-29 2-4**      **Lab ID: 40152929008**      Collected: 07/07/17 11:35      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	58-141		1	07/11/17 12:45	07/12/17 10:57	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	<b>9.3</b>	%	0.10	0.10	1		07/15/17 10:28		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-29 6-8**      **Lab ID: 40152929009**      Collected: 07/07/17 11:40      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Arsenic	<b>3.5J</b>	mg/kg	5.0	1.1	1	07/11/17 16:04	07/12/17 18:13	7440-38-2	
Lead	<b>53.1</b>	mg/kg	1.3	0.44	1	07/11/17 16:04	07/12/17 18:13	7439-92-1	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM    Preparation Method: EPA 3546									
Acenaphthene	<b>36.2</b>	ug/kg	28.5	8.6	2	07/17/17 09:34	07/19/17 14:29	83-32-9	
Acenaphthylene	<b>26.4</b>	ug/kg	24.3	7.3	2	07/17/17 09:34	07/19/17 14:29	208-96-8	
Anthracene	<b>106</b>	ug/kg	42.0	12.6	2	07/17/17 09:34	07/19/17 14:29	120-12-7	
Benzo(a)anthracene	<b>235</b>	ug/kg	23.4	7.0	2	07/17/17 09:34	07/19/17 14:29	56-55-3	
Benzo(a)pyrene	<b>279</b>	ug/kg	18.5	5.6	2	07/17/17 09:34	07/19/17 14:29	50-32-8	
Benzo(b)fluoranthene	<b>280</b>	ug/kg	20.8	6.2	2	07/17/17 09:34	07/19/17 14:29	205-99-2	
Benzo(g,h,i)perylene	<b>210</b>	ug/kg	15.0	4.5	2	07/17/17 09:34	07/19/17 14:29	191-24-2	
Benzo(k)fluoranthene	<b>244</b>	ug/kg	18.5	5.6	2	07/17/17 09:34	07/19/17 14:29	207-08-9	
Chrysene	<b>279</b>	ug/kg	24.8	7.5	2	07/17/17 09:34	07/19/17 14:29	218-01-9	
Dibenz(a,h)anthracene	<b>72.6</b>	ug/kg	16.5	4.9	2	07/17/17 09:34	07/19/17 14:29	53-70-3	
Fluoranthene	<b>487</b>	ug/kg	38.5	11.5	2	07/17/17 09:34	07/19/17 14:29	206-44-0	
Fluorene	<b>41.0</b>	ug/kg	30.5	9.2	2	07/17/17 09:34	07/19/17 14:29	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>190</b>	ug/kg	16.2	4.9	2	07/17/17 09:34	07/19/17 14:29	193-39-5	
1-Methylnaphthalene	<b>23.1J</b>	ug/kg	29.6	8.9	2	07/17/17 09:34	07/19/17 14:29	90-12-0	
2-Methylnaphthalene	<b>29.6J</b>	ug/kg	36.9	11.1	2	07/17/17 09:34	07/19/17 14:29	91-57-6	
Naphthalene	<b>37.0J</b>	ug/kg	62.2	18.6	2	07/17/17 09:34	07/19/17 14:29	91-20-3	
Phenanthrene	<b>389</b>	ug/kg	85.8	25.8	2	07/17/17 09:34	07/19/17 14:29	85-01-8	
Pyrene	<b>400</b>	ug/kg	33.2	10	2	07/17/17 09:34	07/19/17 14:29	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	52	%	19-96		2	07/17/17 09:34	07/19/17 14:29	321-60-8	
Terphenyl-d14 (S)	51	%	31-98		2	07/17/17 09:34	07/19/17 14:29	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	71-43-2	W
Bromobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	108-86-1	W
Bromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	74-97-5	W
Bromodichloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	75-27-4	W
Bromoform	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	75-25-2	W
Bromomethane	<b>&lt;69.9</b>	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 11:20	74-83-9	W
n-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	104-51-8	W
sec-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	135-98-8	W
tert-Butylbenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	98-06-6	W
Carbon tetrachloride	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	56-23-5	W
Chlorobenzene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	108-90-7	W
Chloroethane	<b>&lt;67.0</b>	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 11:20	75-00-3	W
Chloroform	<b>&lt;46.4</b>	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 11:20	67-66-3	W
Chloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	74-87-3	W
2-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	95-49-8	W
4-Chlorotoluene	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<b>&lt;91.2</b>	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 11:20	96-12-8	W
Dibromochloromethane	<b>&lt;25.0</b>	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	124-48-1	W

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Sample: B-29 6-8 Lab ID: 40152929009 Collected: 07/07/17 11:40 Received: 07/08/17 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 11:20	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 11:20	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:20	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 11:20	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	112	%	68-130		1	07/11/17 12:45	07/12/17 11:20	1868-53-7	
Toluene-d8 (S)	108	%	68-149		1	07/11/17 12:45	07/12/17 11:20	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-29 6-8**      **Lab ID: 40152929009**      Collected: 07/07/17 11:40      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	58-141		1	07/11/17 12:45	07/12/17 11:20	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>9.6</b>	%	0.10	0.10	1		07/15/17 10:28		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-29 8-10**      **Lab ID: 40152929010**      Collected: 07/07/17 11:45      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.6	mg/kg	5.0	1.0	1	07/11/17 16:04	07/12/17 18:20	7440-38-2	
Lead	209	mg/kg	1.3	0.43	1	07/11/17 16:04	07/12/17 18:20	7439-92-1	
<b>8270 MSSV PAH by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	25.1J	ug/kg	58.4	17.6	4	07/17/17 09:34	07/19/17 14:47	83-32-9	
Acenaphthylene	63.6	ug/kg	49.8	14.9	4	07/17/17 09:34	07/19/17 14:47	208-96-8	
Anthracene	135	ug/kg	86.1	25.9	4	07/17/17 09:34	07/19/17 14:47	120-12-7	
Benzo(a)anthracene	339	ug/kg	48.0	14.4	4	07/17/17 09:34	07/19/17 14:47	56-55-3	
Benzo(a)pyrene	349	ug/kg	37.9	11.4	4	07/17/17 09:34	07/19/17 14:47	50-32-8	
Benzo(b)fluoranthene	281	ug/kg	42.6	12.8	4	07/17/17 09:34	07/19/17 14:47	205-99-2	
Benzo(g,h,i)perylene	205	ug/kg	30.7	9.2	4	07/17/17 09:34	07/19/17 14:47	191-24-2	
Benzo(k)fluoranthene	297	ug/kg	37.9	11.4	4	07/17/17 09:34	07/19/17 14:47	207-08-9	
Chrysene	365	ug/kg	50.7	15.3	4	07/17/17 09:34	07/19/17 14:47	218-01-9	
Dibenz(a,h)anthracene	85.9	ug/kg	33.7	10.1	4	07/17/17 09:34	07/19/17 14:47	53-70-3	
Fluoranthene	697	ug/kg	78.8	23.6	4	07/17/17 09:34	07/19/17 14:47	206-44-0	
Fluorene	28.2J	ug/kg	62.5	18.8	4	07/17/17 09:34	07/19/17 14:47	86-73-7	
Indeno(1,2,3-cd)pyrene	194	ug/kg	33.2	10	4	07/17/17 09:34	07/19/17 14:47	193-39-5	
1-Methylnaphthalene	<18.2	ug/kg	60.7	18.2	4	07/17/17 09:34	07/19/17 14:47	90-12-0	
2-Methylnaphthalene	<22.7	ug/kg	75.7	22.7	4	07/17/17 09:34	07/19/17 14:47	91-57-6	
Naphthalene	44.0J	ug/kg	127	38.1	4	07/17/17 09:34	07/19/17 14:47	91-20-3	
Phenanthrene	394	ug/kg	176	52.8	4	07/17/17 09:34	07/19/17 14:47	85-01-8	
Pyrene	594	ug/kg	68.0	20.4	4	07/17/17 09:34	07/19/17 14:47	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	19-96		4	07/17/17 09:34	07/19/17 14:47	321-60-8	
Terphenyl-d14 (S)	64	%	31-98		4	07/17/17 09:34	07/19/17 14:47	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/11/17 12:45	07/12/17 11:43	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/11/17 12:45	07/12/17 11:43	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/11/17 12:45	07/12/17 11:43	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/11/17 12:45	07/12/17 11:43	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	124-48-1	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-29 8-10**      **Lab ID: 40152929010**      Collected: 07/07/17 11:45      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/11/17 12:45	07/12/17 11:43	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/11/17 12:45	07/12/17 11:43	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/11/17 12:45	07/12/17 11:43	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	07/11/17 12:45	07/12/17 11:43	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	68-130		1	07/11/17 12:45	07/12/17 11:43	1868-53-7	
Toluene-d8 (S)	112	%	68-149		1	07/11/17 12:45	07/12/17 11:43	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

**Sample: B-29 8-10**      **Lab ID: 40152929010**      Collected: 07/07/17 11:45      Received: 07/08/17 08:10      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	58-141		1	07/11/17 12:45	07/12/17 11:43	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>11.7</b>	%	0.10	0.10	1		07/15/17 10:28		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

QC Batch: 261057

Analysis Method: EPA 7471

QC Batch Method: EPA 7471

Analysis Description: 7471 Mercury

Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007

METHOD BLANK: 1537474

Matrix: Solid

Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	07/12/17 11:25	

LABORATORY CONTROL SAMPLE: 1537475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.81	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537476 1537477

Parameter	Units	40152927001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
Mercury	mg/kg	0.13	.99	.99	1.1	1.1	102	98	85-115	4	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

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QC Batch: 261224 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007, 40152929008, 40152929009, 40152929010

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METHOD BLANK: 1538008 Matrix: Solid  
Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007, 40152929008, 40152929009, 40152929010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	07/12/17 17:39	
Lead	mg/kg	<0.43	1.3	07/12/17 17:39	

LABORATORY CONTROL SAMPLE: 1538009

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.2	96	80-120	
Lead	mg/kg	50	49.5	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1538010 1538011

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result						
Arsenic	mg/kg	9.1	54.8	54.8	58.7	91	94	75-125	3	20	
Lead	mg/kg	87.6	54.8	54.8	123	65	77	75-125	5	20	M0

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

QC Batch: 261209 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007, 40152929008, 40152929009, 40152929010

METHOD BLANK: 1537964 Matrix: Solid  
Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007, 40152929008, 40152929009, 40152929010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/11/17 19:37	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/11/17 19:37	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/11/17 19:37	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/11/17 19:37	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/11/17 19:37	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/11/17 19:37	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/11/17 19:37	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/11/17 19:37	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/11/17 19:37	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/11/17 19:37	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/11/17 19:37	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/11/17 19:37	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/11/17 19:37	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/11/17 19:37	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/11/17 19:37	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/11/17 19:37	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/11/17 19:37	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/11/17 19:37	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/11/17 19:37	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/11/17 19:37	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/11/17 19:37	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/11/17 19:37	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/11/17 19:37	
Benzene	ug/kg	<9.2	20.0	07/11/17 19:37	
Bromobenzene	ug/kg	<20.6	50.0	07/11/17 19:37	
Bromochloromethane	ug/kg	<21.4	50.0	07/11/17 19:37	
Bromodichloromethane	ug/kg	<9.8	50.0	07/11/17 19:37	
Bromoform	ug/kg	<19.8	50.0	07/11/17 19:37	
Bromomethane	ug/kg	<69.9	250	07/11/17 19:37	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/11/17 19:37	
Chlorobenzene	ug/kg	<14.8	50.0	07/11/17 19:37	
Chloroethane	ug/kg	<67.0	250	07/11/17 19:37	
Chloroform	ug/kg	<46.4	250	07/11/17 19:37	
Chloromethane	ug/kg	<20.4	50.0	07/11/17 19:37	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/11/17 19:37	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/11/17 19:37	
Dibromochloromethane	ug/kg	<17.9	50.0	07/11/17 19:37	
Dibromomethane	ug/kg	<19.3	50.0	07/11/17 19:37	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/11/17 19:37	
Diisopropyl ether	ug/kg	<17.7	50.0	07/11/17 19:37	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

METHOD BLANK: 1537964

Matrix: Solid

Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007, 40152929008, 40152929009, 40152929010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	07/11/17 19:37	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/11/17 19:37	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/11/17 19:37	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/11/17 19:37	
Methylene Chloride	ug/kg	<16.2	50.0	07/11/17 19:37	
n-Butylbenzene	ug/kg	<10.5	50.0	07/11/17 19:37	
n-Propylbenzene	ug/kg	<11.6	50.0	07/11/17 19:37	
Naphthalene	ug/kg	<40.0	250	07/11/17 19:37	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/11/17 19:37	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/11/17 19:37	
Styrene	ug/kg	<9.0	50.0	07/11/17 19:37	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/11/17 19:37	
Tetrachloroethene	ug/kg	<12.9	50.0	07/11/17 19:37	
Toluene	ug/kg	<11.2	50.0	07/11/17 19:37	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/11/17 19:37	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/11/17 19:37	
Trichloroethene	ug/kg	<23.6	50.0	07/11/17 19:37	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/11/17 19:37	
Vinyl chloride	ug/kg	<21.1	50.0	07/11/17 19:37	
Xylene (Total)	ug/kg	<48.4	150	07/11/17 19:37	
4-Bromofluorobenzene (S)	%	95	58-141	07/11/17 19:37	
Dibromofluoromethane (S)	%	109	68-130	07/11/17 19:37	
Toluene-d8 (S)	%	109	68-149	07/11/17 19:37	

LABORATORY CONTROL SAMPLE: 1537965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2870	115	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2120	85	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2740	110	70-130	
1,1-Dichloroethane	ug/kg	2500	2910	116	63-124	
1,1-Dichloroethene	ug/kg	2500	2510	100	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	1980	79	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1650	66	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2510	100	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2270	91	70-130	
1,2-Dichloroethane	ug/kg	2500	3030	121	56-135	
1,2-Dichloropropane	ug/kg	2500	2430	97	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2210	88	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2350	94	70-130	
Benzene	ug/kg	2500	2640	105	66-130	
Bromodichloromethane	ug/kg	2500	2320	93	62-135	
Bromoform	ug/kg	2500	2130	85	68-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

LABORATORY CONTROL SAMPLE: 1537965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2370	95	29-137	
Carbon tetrachloride	ug/kg	2500	2660	107	57-130	
Chlorobenzene	ug/kg	2500	2690	107	70-130	
Chloroethane	ug/kg	2500	2840	114	36-144	
Chloroform	ug/kg	2500	2820	113	69-115	
Chloromethane	ug/kg	2500	1980	79	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2830	113	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2030	81	70-130	
Dibromochloromethane	ug/kg	2500	2340	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1390	56	10-99	
Ethylbenzene	ug/kg	2500	2460	98	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2540	102	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2710	108	63-134	
Methylene Chloride	ug/kg	2500	2630	105	56-123	
Styrene	ug/kg	2500	2730	109	70-130	
Tetrachloroethene	ug/kg	2500	2770	111	70-131	
Toluene	ug/kg	2500	2580	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2840	114	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2310	92	68-130	
Trichloroethene	ug/kg	2500	2550	102	70-130	
Trichlorofluoromethane	ug/kg	2500	2980	119	37-149	
Vinyl chloride	ug/kg	2500	2190	88	43-128	
Xylene (Total)	ug/kg	7500	7750	103	70-130	
4-Bromofluorobenzene (S)	%			94	58-141	
Dibromofluoromethane (S)	%			110	68-130	
Toluene-d8 (S)	%			100	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537966 1537967

Parameter	Units	40152934002		1537966		1537967		% Rec	% Rec	% Rec	Limits	RPD	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,1,1-Trichloroethane	ug/kg	<25.0	1460	1460	1340	1450	92	99	57-123	8	20			
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1460	1460	1590	1300	109	89	73-135	20	20			
1,1,2-Trichloroethane	ug/kg	<25.0	1460	1460	1520	1490	104	102	70-130	2	20			
1,1-Dichloroethane	ug/kg	<25.0	1460	1460	1470	1550	101	107	63-124	6	20			
1,1-Dichloroethene	ug/kg	<25.0	1460	1460	1100	1250	75	86	48-117	13	23			
1,2,4-Trichlorobenzene	ug/kg	<47.6	1460	1460	1470	1310	101	90	78-145	12	20			
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1460	1460	1280	1030	88	71	38-168	22	22			
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1460	1460	1420	1350	97	93	70-130	5	20			
1,2-Dichlorobenzene	ug/kg	<25.0	1460	1460	1450	1350	100	92	70-130	8	20			
1,2-Dichloroethane	ug/kg	<25.0	1460	1460	1770	1620	121	111	56-145	9	20			
1,2-Dichloropropane	ug/kg	<25.0	1460	1460	1390	1420	96	97	77-123	2	20			
1,3-Dichlorobenzene	ug/kg	<25.0	1460	1460	1470	1350	101	93	70-130	8	20			
1,4-Dichlorobenzene	ug/kg	<25.0	1460	1460	1560	1450	107	99	70-130	7	20			

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1537966		1537967		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40152934002 Result	MS Spike Conc.	MSD Spike Conc.									
Benzene	ug/kg	<25.0	1460	1460	1380	1510	95	103	65-130	9	20		
Bromodichloromethane	ug/kg	<25.0	1460	1460	1320	1380	90	94	59-141	4	20		
Bromoform	ug/kg	<25.0	1460	1460	1190	1250	81	86	59-141	5	20		
Bromomethane	ug/kg	<69.9	1460	1460	1240	1230	85	85	28-139	1	20		
Carbon tetrachloride	ug/kg	<25.0	1460	1460	1300	1390	89	96	50-130	7	20		
Chlorobenzene	ug/kg	<25.0	1460	1460	1530	1600	105	109	70-130	4	20		
Chloroethane	ug/kg	<67.0	1460	1460	1430	1460	98	100	36-144	2	20		
Chloroform	ug/kg	<46.4	1460	1460	1530	1550	105	106	68-122	1	20		
Chloromethane	ug/kg	<25.0	1460	1460	1010	905	69	62	30-126	11	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1460	1460	1510	1480	103	102	63-130	2	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1460	1460	1190	1210	81	83	70-130	2	20		
Dibromochloromethane	ug/kg	<25.0	1460	1460	1460	1370	100	94	66-136	7	20		
Dichlorodifluoromethane	ug/kg	<25.0	1460	1460	664	731	46	50	10-99	10	33		
Ethylbenzene	ug/kg	<25.0	1460	1460	1360	1390	93	96	80-122	3	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1460	1460	1380	1380	95	95	70-130	0	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1460	1460	1590	1570	109	108	63-134	1	20		
Methylene Chloride	ug/kg	<25.0	1460	1460	1370	1530	94	105	56-127	11	20		
Styrene	ug/kg	<25.0	1460	1460	1440	1490	99	103	70-130	4	20		
Tetrachloroethene	ug/kg	<25.0	1460	1460	1400	1520	96	104	70-131	8	20		
Toluene	ug/kg	<25.0	1460	1460	1400	1490	96	103	80-120	7	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1460	1460	1430	1420	98	97	60-130	1	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1460	1460	1230	1240	84	85	68-130	1	20		
Trichloroethene	ug/kg	<25.0	1460	1460	1440	1480	99	102	70-130	3	20		
Trichlorofluoromethane	ug/kg	<25.0	1460	1460	1140	1290	78	89	37-149	12	24		
Vinyl chloride	ug/kg	<25.0	1460	1460	1070	1010	73	69	39-128	6	20		
Xylene (Total)	ug/kg	<75.0	4370	4370	4250	4390	97	100	70-130	3	20		
4-Bromofluorobenzene (S)	%						97	98	58-141				
Dibromofluoromethane (S)	%						120	118	68-130				
Toluene-d8 (S)	%						111	111	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

QC Batch: 261598 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007, 40152929008

METHOD BLANK: 1540606 Matrix: Solid  
Associated Lab Samples: 40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007, 40152929008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/18/17 11:27	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/18/17 11:27	
Acenaphthene	ug/kg	<3.9	12.9	07/18/17 11:27	
Acenaphthylene	ug/kg	<3.3	11.0	07/18/17 11:27	
Anthracene	ug/kg	<5.7	19.0	07/18/17 11:27	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/18/17 11:27	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/18/17 11:27	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/18/17 11:27	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/18/17 11:27	
Benzo(k)fluoranthene	ug/kg	<2.5	8.3	07/18/17 11:27	
Chrysene	ug/kg	<3.4	11.2	07/18/17 11:27	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	07/18/17 11:27	
Fluoranthene	ug/kg	<5.2	17.4	07/18/17 11:27	
Fluorene	ug/kg	<4.1	13.8	07/18/17 11:27	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/18/17 11:27	
Naphthalene	ug/kg	<8.4	28.1	07/18/17 11:27	
Phenanthrene	ug/kg	<11.6	38.7	07/18/17 11:27	
Pyrene	ug/kg	<4.5	15.0	07/18/17 11:27	
2-Fluorobiphenyl (S)	%	79	19-96	07/18/17 11:27	
Terphenyl-d14 (S)	%	88	31-98	07/18/17 11:27	

LABORATORY CONTROL SAMPLE: 1540607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	273	82	49-102	
2-Methylnaphthalene	ug/kg	334	287	86	47-91	
Acenaphthene	ug/kg	334	310	93	52-97	
Acenaphthylene	ug/kg	334	309	93	49-97	
Anthracene	ug/kg	334	320	96	62-101	
Benzo(a)anthracene	ug/kg	334	301	90	53-95	
Benzo(a)pyrene	ug/kg	334	332	100	57-108	
Benzo(b)fluoranthene	ug/kg	334	295	88	53-113	
Benzo(g,h,i)perylene	ug/kg	334	369	111	43-114	
Benzo(k)fluoranthene	ug/kg	334	339	102	66-116	
Chrysene	ug/kg	334	316	95	64-109	
Dibenz(a,h)anthracene	ug/kg	334	359	108	50-105 L1	
Fluoranthene	ug/kg	334	319	96	58-107	
Fluorene	ug/kg	334	304	91	52-99	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

LABORATORY CONTROL SAMPLE: 1540607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/kg	334	348	104	51-113	
Naphthalene	ug/kg	334	283	85	50-91	
Phenanthrene	ug/kg	334	314	94	57-101	
Pyrene	ug/kg	334	291	87	50-102	
2-Fluorobiphenyl (S)	%			86	19-96	
Terphenyl-d14 (S)	%			89	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1540608 1540609

Parameter	Units	40152929003		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
1-Methylnaphthalene	ug/kg	<4.8	396	396	272	249	68	63	37-102	9	29		
2-Methylnaphthalene	ug/kg	<5.9	396	396	268	256	67	64	44-91	5	36		
Acenaphthene	ug/kg	<4.6	396	396	300	300	76	76	46-97	0	26		
Acenaphthylene	ug/kg	<3.9	396	396	296	292	75	74	47-97	2	29		
Anthracene	ug/kg	<6.8	396	396	299	315	75	79	50-101	5	28		
Benzo(a)anthracene	ug/kg	5.4J	396	396	276	291	68	72	48-95	5	28		
Benzo(a)pyrene	ug/kg	7.4J	396	396	297	320	73	79	47-108	8	36		
Benzo(b)fluoranthene	ug/kg	8.2J	396	396	275	294	67	72	42-113	7	34		
Benzo(g,h,i)perylene	ug/kg	9.4	396	396	336	366	83	90	18-114	9	30		
Benzo(k)fluoranthene	ug/kg	7.6J	396	396	293	323	72	80	50-116	10	27		
Chrysene	ug/kg	10.2J	396	396	301	317	74	78	55-109	5	28		
Dibenz(a,h)anthracene	ug/kg	<2.6	396	396	331	359	83	90	39-105	8	29		
Fluoranthene	ug/kg	8.7J	396	396	292	316	72	78	41-107	8	28		
Fluorene	ug/kg	<4.9	396	396	293	300	74	76	48-99	2	28		
Indeno(1,2,3-cd)pyrene	ug/kg	6.4J	396	396	318	346	79	86	27-113	8	30		
Naphthalene	ug/kg	<10	396	396	266	253	67	64	40-91	5	37		
Phenanthrene	ug/kg	<13.8	396	396	295	315	73	78	46-101	6	40		
Pyrene	ug/kg	8.0J	396	396	282	299	69	74	50-102	6	31		
2-Fluorobiphenyl (S)	%						65	68	19-96				
Terphenyl-d14 (S)	%						69	77	31-98				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

QC Batch: 261600 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM  
Associated Lab Samples: 40152929009, 40152929010

METHOD BLANK: 1540616 Matrix: Solid  
Associated Lab Samples: 40152929009, 40152929010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/18/17 12:02	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/18/17 12:02	
Acenaphthene	ug/kg	<3.9	12.9	07/18/17 12:02	
Acenaphthylene	ug/kg	<3.3	11.0	07/18/17 12:02	
Anthracene	ug/kg	<5.7	19.0	07/18/17 12:02	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/18/17 12:02	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/18/17 12:02	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/18/17 12:02	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/18/17 12:02	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	07/18/17 12:02	
Chrysene	ug/kg	<3.4	11.2	07/18/17 12:02	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	07/18/17 12:02	
Fluoranthene	ug/kg	<5.2	17.4	07/18/17 12:02	
Fluorene	ug/kg	<4.1	13.8	07/18/17 12:02	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/18/17 12:02	
Naphthalene	ug/kg	<8.4	28.1	07/18/17 12:02	
Phenanthrene	ug/kg	<11.7	38.9	07/18/17 12:02	
Pyrene	ug/kg	<4.5	15.0	07/18/17 12:02	
2-Fluorobiphenyl (S)	%	49	19-96	07/18/17 12:02	
Terphenyl-d14 (S)	%	57	31-98	07/18/17 12:02	

LABORATORY CONTROL SAMPLE: 1540617

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	231	69	49-102	
2-Methylnaphthalene	ug/kg	333	243	73	47-91	
Acenaphthene	ug/kg	333	261	79	52-97	
Acenaphthylene	ug/kg	333	262	79	49-97	
Anthracene	ug/kg	333	270	81	62-101	
Benzo(a)anthracene	ug/kg	333	261	78	53-95	
Benzo(a)pyrene	ug/kg	333	279	84	57-108	
Benzo(b)fluoranthene	ug/kg	333	257	77	53-113	
Benzo(g,h,i)perylene	ug/kg	333	314	94	43-114	
Benzo(k)fluoranthene	ug/kg	333	288	87	66-116	
Chrysene	ug/kg	333	274	82	64-109	
Dibenz(a,h)anthracene	ug/kg	333	307	92	50-105	
Fluoranthene	ug/kg	333	272	82	58-107	
Fluorene	ug/kg	333	258	78	52-99	
Indeno(1,2,3-cd)pyrene	ug/kg	333	300	90	51-113	
Naphthalene	ug/kg	333	235	70	50-91	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

LABORATORY CONTROL SAMPLE: 1540617

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	267	80	57-101	
Pyrene	ug/kg	333	254	76	50-102	
2-Fluorobiphenyl (S)	%			73	19-96	
Terphenyl-d14 (S)	%			78	31-98	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1540618 1540619

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40153030015 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/kg	<4.3	359	361	233	295	64	81	37-102	23	29		
2-Methylnaphthalene	ug/kg	<5.4	359	361	240	289	66	80	44-91	19	36		
Acenaphthene	ug/kg	<4.2	359	361	240	300	66	83	46-97	22	26		
Acenaphthylene	ug/kg	28.0	359	361	267	308	66	78	47-97	14	29		
Anthracene	ug/kg	23.6	359	361	251	307	63	79	50-101	20	28		
Benzo(a)anthracene	ug/kg	48.5	359	361	269	303	61	71	48-95	12	28		
Benzo(a)pyrene	ug/kg	63.0	359	361	304	341	67	77	47-108	11	36		
Benzo(b)fluoranthene	ug/kg	60.8	359	361	316	350	71	80	42-113	10	34		
Benzo(g,h,i)perylene	ug/kg	49.0	359	361	249	224	56	49	18-114	10	30		
Benzo(k)fluoranthene	ug/kg	62.4	359	361	300	332	66	75	50-116	10	27		
Chrysene	ug/kg	62.5	359	361	313	344	70	78	55-109	9	28		
Dibenz(a,h)anthracene	ug/kg	17.5	359	361	266	282	69	73	39-105	6	29		
Fluoranthene	ug/kg	98.1	359	361	342	355	68	71	41-107	4	28		
Fluorene	ug/kg	<4.5	359	361	240	300	66	83	48-99	22	28		
Indeno(1,2,3-cd)pyrene	ug/kg	47.2	359	361	270	268	62	61	27-113	1	30		
Naphthalene	ug/kg	<9.1	359	361	236	268	65	73	40-91	13	37		
Phenanthrene	ug/kg	47.7	359	361	292	336	68	80	46-101	14	40		
Pyrene	ug/kg	86.4	359	361	339	360	70	76	50-102	6	31		
2-Fluorobiphenyl (S)	%						57	59	19-96				
Terphenyl-d14 (S)	%						61	66	31-98				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

---

QC Batch:	261570	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40152929001, 40152929002, 40152929003, 40152929004, 40152929005, 40152929006, 40152929007, 40152929008, 40152929009, 40152929010		

---

SAMPLE DUPLICATE: 1540393

Parameter	Units	40152586008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	32.0	32.4	1	10	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40152929

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

1q Sample aliquot was taken from a glass jar with head space and MeOH preserved in the laboratory.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40152929001	B-27 2-4	EPA 3050	261224	EPA 6010	261335
40152929002	B-27 6-8	EPA 3050	261224	EPA 6010	261335
40152929003	B-27 10-12	EPA 3050	261224	EPA 6010	261335
40152929004	B-27 14-16	EPA 3050	261224	EPA 6010	261335
40152929005	B-28 2-4	EPA 3050	261224	EPA 6010	261335
40152929006	B-28 6-8	EPA 3050	261224	EPA 6010	261335
40152929007	B-28 8-10	EPA 3050	261224	EPA 6010	261335
40152929008	B-29 2-4	EPA 3050	261224	EPA 6010	261335
40152929009	B-29 6-8	EPA 3050	261224	EPA 6010	261335
40152929010	B-29 8-10	EPA 3050	261224	EPA 6010	261335
40152929001	B-27 2-4	EPA 7471	261057	EPA 7471	261204
40152929002	B-27 6-8	EPA 7471	261057	EPA 7471	261204
40152929003	B-27 10-12	EPA 7471	261057	EPA 7471	261204
40152929004	B-27 14-16	EPA 7471	261057	EPA 7471	261204
40152929005	B-28 2-4	EPA 7471	261057	EPA 7471	261204
40152929006	B-28 6-8	EPA 7471	261057	EPA 7471	261204
40152929007	B-28 8-10	EPA 7471	261057	EPA 7471	261204
40152929001	B-27 2-4	EPA 3546	261598	EPA 8270 by SIM	261684
40152929002	B-27 6-8	EPA 3546	261598	EPA 8270 by SIM	261684
40152929003	B-27 10-12	EPA 3546	261598	EPA 8270 by SIM	261684
40152929004	B-27 14-16	EPA 3546	261598	EPA 8270 by SIM	261684
40152929005	B-28 2-4	EPA 3546	261598	EPA 8270 by SIM	261684
40152929006	B-28 6-8	EPA 3546	261598	EPA 8270 by SIM	261684
40152929007	B-28 8-10	EPA 3546	261598	EPA 8270 by SIM	261684
40152929008	B-29 2-4	EPA 3546	261598	EPA 8270 by SIM	261684
40152929009	B-29 6-8	EPA 3546	261600	EPA 8270 by SIM	261694
40152929010	B-29 8-10	EPA 3546	261600	EPA 8270 by SIM	261694
40152929001	B-27 2-4	EPA 5035/5030B	261209	EPA 8260	261213
40152929002	B-27 6-8	EPA 5035/5030B	261209	EPA 8260	261213
40152929003	B-27 10-12	EPA 5035/5030B	261209	EPA 8260	261213
40152929004	B-27 14-16	EPA 5035/5030B	261209	EPA 8260	261213
40152929005	B-28 2-4	EPA 5035/5030B	261209	EPA 8260	261213
40152929006	B-28 6-8	EPA 5035/5030B	261209	EPA 8260	261213
40152929007	B-28 8-10	EPA 5035/5030B	261209	EPA 8260	261213
40152929008	B-29 2-4	EPA 5035/5030B	261209	EPA 8260	261213
40152929009	B-29 6-8	EPA 5035/5030B	261209	EPA 8260	261213
40152929010	B-29 8-10	EPA 5035/5030B	261209	EPA 8260	261213
40152929001	B-27 2-4	ASTM D2974-87	261570		
40152929002	B-27 6-8	ASTM D2974-87	261570		
40152929003	B-27 10-12	ASTM D2974-87	261570		
40152929004	B-27 14-16	ASTM D2974-87	261570		
40152929005	B-28 2-4	ASTM D2974-87	261570		
40152929006	B-28 6-8	ASTM D2974-87	261570		
40152929007	B-28 8-10	ASTM D2974-87	261570		
40152929008	B-29 2-4	ASTM D2974-87	261570		
40152929009	B-29 6-8	ASTM D2974-87	261570		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40152929

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<b>Lab ID</b>	<b>Sample ID</b>	<b>QC Batch Method</b>	<b>QC Batch</b>	<b>Analytical Method</b>	<b>Analytical Batch</b>
40152929010	B-29 8-10	ASTM D2974-87	261570		

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**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40152929

SSM

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: Giles Engineering Associates, Inc	Report To: Kevin Bugel kbugel@gilesengr.com	Attention:		REGULATORY AGENCY	
Address: N8 W22350 Johnson Drive Ste. A1 Waukesha WI 53186	Copy To: Kelly Hayden khayden@gilesengr.com	Company Name:		<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER	
Email To: kbugel@gilesengr.com	Purchase Order No.:	Address:		<b>Site Location</b> STATE: WI	
Phone: 262-544-0118   Fax:	Project Name: The Couture	Pace Quote Reference:		<div style="border: 1px solid black; width: 100px; height: 100px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div>	
Requested Due Date/TAT: 5 day	Project Number: 1E-1704004	Pace Project Manager:			
		Pace Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)											Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																		
						COMPOSITE START		COMPOSITE END/GRAB		Preservatives																										
						DATE	TIME	DATE	TIME	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol			Other	VOC	PAH	Arsenic	Lead	Selenium	Mercury											
1	B-27 2-4	001	SL G	7/7/17	1100	3	X								X	X	X	X	X																	
2	B-27 6-8	002	SL G		1105	3	X								X	X																				
3	B-27 10-12	003	SL G		1110	3	X								X	X																				
4	B-27 14-16	004	SL G		1115	3	X								X	X																				
5	B-28 2-4	005	SL G		1126	3	X								X	X																				
6	B-28 6-8	006	SL G		1125	3	X								X	X																				
7	B-28 8-10	007	SL G		1136	3	X								X	X																				
8	B-29 2-4	008	SL G		1135	3	X								X	X																				
9	B-29 6-8	009	SL G		1140	3	X								X	X																				
10	B-29 8-10	010	SL G		1145	3	X								X	X																				
11			SL G			3	X								X	X																				
12			SL G			3	X								X	X																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS						
	Ky Hayden / Giles	7/7/17	1525										
	CS Logistics	7/8/17	0810	Kate Schramm / Pace	7/8/17	0810	PO1	Y	N		Y		

In 2 coolers

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:				
Kelly Hayden	[Signature]				
		DATE Signed (MM/DD/YY):			
		7/7/17			



Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: GILKS

Project #: WO#: 40152929

Courier: Fed Ex UPS Client Pace Other: CS Logistics
Tracking #: 960.070717



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: ICorr: ROI Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 7/18/17
Initials: [Signature]

Comments:

Table with 15 rows of inspection items and checkboxes. Includes items like Chain of Custody Present, Short Hold Time Analysis, Rush Turn Around Time Requested, and Trip Blank Present.

Client Notification/ Resolution:
Person Contacted: Date/Time:
Comments/ Resolution:

Project Manager Review: RMR for DM Date: 7/18/17

August 09, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory between July 29, 2017 and August 01, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154105001	B-30 2-4	Solid	07/28/17 09:52	07/29/17 08:20
40154105002	B-32 0-2	Solid	07/28/17 10:20	07/29/17 08:20
40154105003	B-35 2-4	Solid	07/28/17 11:35	07/29/17 08:20
40154105004	B-35 4-6	Solid	07/28/17 11:40	07/29/17 08:20
40154105005	B-35 6-8	Solid	07/28/17 11:45	07/29/17 08:20
40154105006	B-36 2-4	Solid	07/28/17 08:35	07/29/17 08:20
40154105007	B-36 4-6	Solid	07/28/17 08:40	07/29/17 08:20
40154105008	B-36 6-8	Solid	07/28/17 08:45	07/29/17 08:20
40154105009	B-37 2-4	Solid	07/28/17 09:25	07/29/17 08:20
40154105010	B-37 4-6	Solid	07/28/17 09:30	07/29/17 08:20
40154105011	B-38 2-4	Solid	07/28/17 11:20	07/29/17 08:20
40154105012	B-38 4-6	Solid	07/28/17 11:25	07/29/17 08:20
40154105013	B-38 6-8	Solid	07/28/17 11:30	07/29/17 08:20
40154105014	B-39 2-4	Solid	07/28/17 09:00	07/29/17 08:20
40154105015	B-39 4-6	Solid	07/28/17 09:05	07/29/17 08:20
40154105016	B-39 6-8	Solid	07/28/17 09:10	07/29/17 08:20
40154105017	B-30 2-4	Water	08/01/17 00:00	08/01/17 00:00
40154105018	B-32 0-2	Water	08/01/17 00:00	08/01/17 00:00

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154105003	B-35 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154105004	B-35 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154105005	B-35 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154105006	B-36 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154105007	B-36 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154105008	B-36 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154105009	B-37 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154105010	B-37 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40154105011	B-38 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154105012	B-38 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154105013	B-38 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154105014	B-39 2-4	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154105015	B-39 4-6	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154105016	B-39 6-8	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40154105017	B-30 2-4	EPA 8270 by HVI	TPO	20	PASI-G
40154105018	B-32 0-2	EPA 8270 by HVI	TPO	20	PASI-G

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40154105003</b>	<b>B-35 2-4</b>					
EPA 8260	Methylene Chloride	32.6J	ug/kg	63.3	08/02/17 03:34	
ASTM D2974-87	Percent Moisture	5.3	%	0.10	07/31/17 16:12	
<b>40154105004</b>	<b>B-35 4-6</b>					
EPA 8260	Trichlorofluoromethane	64.3J	ug/kg	68.3	08/02/17 03:57	
ASTM D2974-87	Percent Moisture	12.2	%	0.10	07/31/17 16:12	
<b>40154105005</b>	<b>B-35 6-8</b>					
EPA 8260	Methylene Chloride	37.8J	ug/kg	70.6	08/02/17 04:20	
EPA 8260	Trichlorofluoromethane	31.3J	ug/kg	70.6	08/02/17 04:20	
ASTM D2974-87	Percent Moisture	15.0	%	0.10	07/31/17 16:12	
<b>40154105006</b>	<b>B-36 2-4</b>					
EPA 8260	Benzene	28.5J	ug/kg	67.0	08/02/17 04:42	
ASTM D2974-87	Percent Moisture	10.4	%	0.10	07/31/17 16:13	
<b>40154105007</b>	<b>B-36 4-6</b>					
EPA 8260	Benzene	57.0J	ug/kg	66.3	08/02/17 08:42	
EPA 8260	Methylene Chloride	30.0J	ug/kg	66.3	08/02/17 08:42	
EPA 8260	Toluene	29.5J	ug/kg	66.3	08/02/17 08:42	
ASTM D2974-87	Percent Moisture	9.5	%	0.10	07/31/17 16:13	
<b>40154105008</b>	<b>B-36 6-8</b>					
EPA 8260	Methylene Chloride	30.0J	ug/kg	69.3	08/02/17 09:04	
ASTM D2974-87	Percent Moisture	13.5	%	0.10	07/31/17 16:13	
<b>40154105009</b>	<b>B-37 2-4</b>					
EPA 8260	Benzene	344	ug/kg	65.4	08/02/17 09:27	
EPA 8260	Ethylbenzene	35.4J	ug/kg	65.4	08/02/17 09:27	
EPA 8260	Methylene Chloride	29.0J	ug/kg	65.4	08/02/17 09:27	
EPA 8260	Naphthalene	45.0J	ug/kg	272	08/02/17 09:27	
EPA 8260	n-Propylbenzene	27.3J	ug/kg	65.4	08/02/17 09:27	
EPA 8260	Toluene	53.2J	ug/kg	65.4	08/02/17 09:27	
EPA 8260	1,2,4-Trimethylbenzene	55.9J	ug/kg	65.4	08/02/17 09:27	
EPA 8260	Xylene (Total)	112J	ug/kg	196	08/02/17 09:27	
ASTM D2974-87	Percent Moisture	8.2	%	0.10	07/31/17 16:13	
<b>40154105010</b>	<b>B-37 4-6</b>					
EPA 8260	Benzene	177	ug/kg	65.8	08/02/17 09:49	
EPA 8260	1,2,4-Trimethylbenzene	31.1J	ug/kg	65.8	08/02/17 09:49	
ASTM D2974-87	Percent Moisture	8.8	%	0.10	07/31/17 16:13	
<b>40154105011</b>	<b>B-38 2-4</b>					
EPA 8260	Benzene	312	ug/kg	65.6	08/02/17 10:12	
EPA 8260	Ethylbenzene	54.3J	ug/kg	65.6	08/02/17 10:12	
EPA 8260	Methylene Chloride	33.2J	ug/kg	65.6	08/02/17 10:12	
EPA 8260	n-Propylbenzene	28.4J	ug/kg	65.6	08/02/17 10:12	
EPA 8260	Toluene	184	ug/kg	65.6	08/02/17 10:12	
EPA 8260	1,2,4-Trimethylbenzene	77.8	ug/kg	65.6	08/02/17 10:12	
EPA 8260	1,3,5-Trimethylbenzene	32.9J	ug/kg	65.6	08/02/17 10:12	

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40154105011</b>	<b>B-38 2-4</b>					
EPA 8260	Xylene (Total)	219	ug/kg	197	08/02/17 10:12	
ASTM D2974-87	Percent Moisture	8.6	%	0.10	08/08/17 09:55	
<b>40154105012</b>	<b>B-38 4-6</b>					
EPA 8260	Benzene	199	ug/kg	70.1	08/02/17 10:34	
EPA 8260	Ethylbenzene	53.6J	ug/kg	70.1	08/02/17 10:34	
EPA 8260	Methylene Chloride	31.0J	ug/kg	70.1	08/02/17 10:34	
EPA 8260	Naphthalene	81.2J	ug/kg	292	08/02/17 10:34	
EPA 8260	Toluene	204	ug/kg	70.1	08/02/17 10:34	
EPA 8260	1,2,4-Trimethylbenzene	68.4J	ug/kg	70.1	08/02/17 10:34	
EPA 8260	Xylene (Total)	212	ug/kg	210	08/02/17 10:34	
ASTM D2974-87	Percent Moisture	9.9	%	0.10	08/08/17 09:55	
<b>40154105013</b>	<b>B-38 6-8</b>					
EPA 8260	p-Isopropyltoluene	452	ug/kg	65.1	08/02/17 10:57	
EPA 8260	Methylene Chloride	29.7J	ug/kg	65.1	08/02/17 10:57	
ASTM D2974-87	Percent Moisture	7.8	%	0.10	08/08/17 09:55	
<b>40154105014</b>	<b>B-39 2-4</b>					
EPA 8260	Benzene	256	ug/kg	79.0	08/02/17 11:19	
EPA 8260	Ethylbenzene	52.5J	ug/kg	79.0	08/02/17 11:19	
EPA 8260	Naphthalene	72.7J	ug/kg	329	08/02/17 11:19	
EPA 8260	n-Propylbenzene	42.4J	ug/kg	79.0	08/02/17 11:19	
EPA 8260	Toluene	70.2J	ug/kg	79.0	08/02/17 11:19	
EPA 8260	1,2,4-Trimethylbenzene	79.4	ug/kg	79.0	08/02/17 11:19	
EPA 8260	Xylene (Total)	166J	ug/kg	237	08/02/17 11:19	
ASTM D2974-87	Percent Moisture	24.0	%	0.10	08/08/17 09:55	
<b>40154105015</b>	<b>B-39 4-6</b>					
EPA 8260	Methylene Chloride	39.5J	ug/kg	68.7	08/02/17 11:42	
ASTM D2974-87	Percent Moisture	12.7	%	0.10	08/08/17 09:56	
<b>40154105016</b>	<b>B-39 6-8</b>					
EPA 8260	Naphthalene	94.7J	ug/kg	303	08/02/17 02:26	
ASTM D2974-87	Percent Moisture	17.5	%	0.10	08/08/17 09:56	
<b>40154105017</b>	<b>B-30 2-4</b>					
EPA 8270 by HVI	Acenaphthene	0.0064J	ug/L	0.027	08/02/17 16:32	
EPA 8270 by HVI	Pyrene	0.0073J	ug/L	0.034	08/02/17 16:32	B
<b>40154105018</b>	<b>B-32 0-2</b>					
EPA 8270 by HVI	Pyrene	0.0078J	ug/L	0.035	08/02/17 16:48	B

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-35 2-4**      **Lab ID: 40154105003**      Collected: 07/28/17 11:35      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 03:34	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 03:34	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 03:34	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 03:34	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	99-87-6	W
Methylene Chloride	32.6J	ug/kg	63.3	26.4	1	08/01/17 07:45	08/02/17 03:34	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 03:34	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-35 2-4**      **Lab ID: 40154105003**      Collected: 07/28/17 11:35      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 03:34	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:34	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 03:34	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	126	%	68-130		1	08/01/17 07:45	08/02/17 03:34	1868-53-7	
Toluene-d8 (S)	122	%	68-149		1	08/01/17 07:45	08/02/17 03:34	2037-26-5	
4-Bromofluorobenzene (S)	99	%	58-141		1	08/01/17 07:45	08/02/17 03:34	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	5.3	%	0.10	0.10	1		07/31/17 16:12		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

**Sample: B-35 4-6**      **Lab ID: 40154105004**      Collected: 07/28/17 11:40      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 03:57	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 03:57	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 03:57	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 03:57	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 03:57	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

**Sample: B-35 4-6**      **Lab ID: 40154105004**      Collected: 07/28/17 11:40      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 03:57	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	79-01-6	W
Trichlorofluoromethane	64.3J	ug/kg	68.3	28.5	1	08/01/17 07:45	08/02/17 03:57	75-69-4	
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 03:57	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 03:57	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	128	%	68-130		1	08/01/17 07:45	08/02/17 03:57	1868-53-7	
Toluene-d8 (S)	122	%	68-149		1	08/01/17 07:45	08/02/17 03:57	2037-26-5	
4-Bromofluorobenzene (S)	98	%	58-141		1	08/01/17 07:45	08/02/17 03:57	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.2	%	0.10	0.10	1		07/31/17 16:12		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Sample: B-35 6-8 Lab ID: 40154105005 Collected: 07/28/17 11:45 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 04:20	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 04:20	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 04:20	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 04:20	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	99-87-6	W
Methylene Chloride	37.8J	ug/kg	70.6	29.4	1	08/01/17 07:45	08/02/17 04:20	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 04:20	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

**Sample: B-35 6-8**      **Lab ID: 40154105005**      Collected: 07/28/17 11:45      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 04:20	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	79-01-6	W
Trichlorofluoromethane	31.3J	ug/kg	70.6	29.4	1	08/01/17 07:45	08/02/17 04:20	75-69-4	
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:20	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 04:20	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	143	%	68-130		1	08/01/17 07:45	08/02/17 04:20	1868-53-7	S3
Toluene-d8 (S)	148	%	68-149		1	08/01/17 07:45	08/02/17 04:20	2037-26-5	
4-Bromofluorobenzene (S)	115	%	58-141		1	08/01/17 07:45	08/02/17 04:20	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	15.0	%	0.10	0.10	1		07/31/17 16:12		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

Sample: B-36 2-4 Lab ID: 40154105006 Collected: 07/28/17 08:35 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	28.5J	ug/kg	67.0	27.9	1	08/01/17 07:45	08/02/17 04:42	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 04:42	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 04:42	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 04:42	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 04:42	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 04:42	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-36 2-4**      **Lab ID: 40154105006**      Collected: 07/28/17 08:35      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 04:42	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 04:42	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 04:42	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	124	%	68-130		1	08/01/17 07:45	08/02/17 04:42	1868-53-7	
Toluene-d8 (S)	121	%	68-149		1	08/01/17 07:45	08/02/17 04:42	2037-26-5	
4-Bromofluorobenzene (S)	94	%	58-141		1	08/01/17 07:45	08/02/17 04:42	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>10.4</b>	%	0.10	0.10	1		07/31/17 16:13		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-36 4-6**      **Lab ID: 40154105007**      Collected: 07/28/17 08:40      Received: 07/29/17 08:20      Matrix: Solid

**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	57.0J	ug/kg	66.3	27.6	1	08/01/17 07:45	08/02/17 08:42	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 08:42	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 08:42	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 08:42	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 08:42	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	99-87-6	W
Methylene Chloride	30.0J	ug/kg	66.3	27.6	1	08/01/17 07:45	08/02/17 08:42	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 08:42	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-36 4-6**      **Lab ID: 40154105007**      Collected: 07/28/17 08:40      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	127-18-4	W
Toluene	29.5J	ug/kg	66.3	27.6	1	08/01/17 07:45	08/02/17 08:42	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 08:42	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 08:42	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 08:42	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	131	%	68-130		1	08/01/17 07:45	08/02/17 08:42	1868-53-7	S3
Toluene-d8 (S)	127	%	68-149		1	08/01/17 07:45	08/02/17 08:42	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	08/01/17 07:45	08/02/17 08:42	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	9.5	%	0.10	0.10	1		07/31/17 16:13		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-36 6-8**      **Lab ID: 40154105008**      Collected: 07/28/17 08:45      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 09:04	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 09:04	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 09:04	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 09:04	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	99-87-6	W
Methylene Chloride	30.0J	ug/kg	69.3	28.9	1	08/01/17 07:45	08/02/17 09:04	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 09:04	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

**Sample: B-36 6-8**      **Lab ID: 40154105008**      Collected: 07/28/17 08:45      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 09:04	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:04	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 09:04	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	125	%	68-130		1	08/01/17 07:45	08/02/17 09:04	1868-53-7	
Toluene-d8 (S)	118	%	68-149		1	08/01/17 07:45	08/02/17 09:04	2037-26-5	
4-Bromofluorobenzene (S)	96	%	58-141		1	08/01/17 07:45	08/02/17 09:04	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	13.5	%	0.10	0.10	1		07/31/17 16:13		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Sample: B-37 2-4 Lab ID: 40154105009 Collected: 07/28/17 09:25 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	344	ug/kg	65.4	27.2	1	08/01/17 07:45	08/02/17 09:27	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 09:27	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 09:27	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 09:27	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 09:27	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	108-20-3	W
Ethylbenzene	35.4J	ug/kg	65.4	27.2	1	08/01/17 07:45	08/02/17 09:27	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	99-87-6	W
Methylene Chloride	29.0J	ug/kg	65.4	27.2	1	08/01/17 07:45	08/02/17 09:27	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	1634-04-4	W
Naphthalene	45.0J	ug/kg	272	43.6	1	08/01/17 07:45	08/02/17 09:27	91-20-3	
n-Propylbenzene	27.3J	ug/kg	65.4	27.2	1	08/01/17 07:45	08/02/17 09:27	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-37 2-4**      **Lab ID: 40154105009**      Collected: 07/28/17 09:25      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	127-18-4	W
Toluene	53.2J	ug/kg	65.4	27.2	1	08/01/17 07:45	08/02/17 09:27	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 09:27	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	96-18-4	W
1,2,4-Trimethylbenzene	55.9J	ug/kg	65.4	27.2	1	08/01/17 07:45	08/02/17 09:27	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:27	75-01-4	W
Xylene (Total)	112J	ug/kg	196	81.7	1	08/01/17 07:45	08/02/17 09:27	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	136	%	68-130		1	08/01/17 07:45	08/02/17 09:27	1868-53-7	1q
Toluene-d8 (S)	135	%	68-149		1	08/01/17 07:45	08/02/17 09:27	2037-26-5	
4-Bromofluorobenzene (S)	105	%	58-141		1	08/01/17 07:45	08/02/17 09:27	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	8.2	%	0.10	0.10	1		07/31/17 16:13		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Sample: B-37 4-6 Lab ID: 40154105010 Collected: 07/28/17 09:30 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	177	ug/kg	65.8	27.4	1	08/01/17 07:45	08/02/17 09:49	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 09:49	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 09:49	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 09:49	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 09:49	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 09:49	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-37 4-6**      **Lab ID: 40154105010**      Collected: 07/28/17 09:30      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 09:49	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	96-18-4	W
1,2,4-Trimethylbenzene	31.1J	ug/kg	65.8	27.4	1	08/01/17 07:45	08/02/17 09:49	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 09:49	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 09:49	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	135	%	68-130		1	08/01/17 07:45	08/02/17 09:49	1868-53-7	1q
Toluene-d8 (S)	129	%	68-149		1	08/01/17 07:45	08/02/17 09:49	2037-26-5	
4-Bromofluorobenzene (S)	102	%	58-141		1	08/01/17 07:45	08/02/17 09:49	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	8.8	%	0.10	0.10	1		07/31/17 16:13		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Sample: B-38 2-4 Lab ID: 40154105011 Collected: 07/28/17 11:20 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	312	ug/kg	65.6	27.4	1	08/01/17 07:45	08/02/17 10:12	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 10:12	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 10:12	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 10:12	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 10:12	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	108-20-3	W
Ethylbenzene	54.3J	ug/kg	65.6	27.4	1	08/01/17 07:45	08/02/17 10:12	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	99-87-6	W
Methylene Chloride	33.2J	ug/kg	65.6	27.4	1	08/01/17 07:45	08/02/17 10:12	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 10:12	91-20-3	W
n-Propylbenzene	28.4J	ug/kg	65.6	27.4	1	08/01/17 07:45	08/02/17 10:12	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-38 2-4**      **Lab ID: 40154105011**      Collected: 07/28/17 11:20      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	127-18-4	W
Toluene	184	ug/kg	65.6	27.4	1	08/01/17 07:45	08/02/17 10:12	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 10:12	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	96-18-4	W
1,2,4-Trimethylbenzene	77.8	ug/kg	65.6	27.4	1	08/01/17 07:45	08/02/17 10:12	95-63-6	
1,3,5-Trimethylbenzene	32.9J	ug/kg	65.6	27.4	1	08/01/17 07:45	08/02/17 10:12	108-67-8	
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:12	75-01-4	W
Xylene (Total)	219	ug/kg	197	82.1	1	08/01/17 07:45	08/02/17 10:12	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	135	%	68-130		1	08/01/17 07:45	08/02/17 10:12	1868-53-7	S1
Toluene-d8 (S)	129	%	68-149		1	08/01/17 07:45	08/02/17 10:12	2037-26-5	
4-Bromofluorobenzene (S)	105	%	58-141		1	08/01/17 07:45	08/02/17 10:12	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	8.6	%	0.10	0.10	1		08/08/17 09:55		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Sample: B-38 4-6 Lab ID: 40154105012 Collected: 07/28/17 11:25 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	199	ug/kg	70.1	29.2	1	08/01/17 07:45	08/02/17 10:34	71-43-2	
Bromobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	108-86-1	W
Bromochloromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	74-97-5	W
Bromodichloromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	75-27-4	W
Bromoform	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	75-25-2	W
Bromomethane	<73.6	ug/kg	263	73.6	1	08/01/17 07:45	08/02/17 10:34	74-83-9	W
n-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	104-51-8	W
sec-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	135-98-8	W
tert-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	98-06-6	W
Carbon tetrachloride	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	56-23-5	W
Chlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	108-90-7	W
Chloroethane	<70.5	ug/kg	263	70.5	1	08/01/17 07:45	08/02/17 10:34	75-00-3	W
Chloroform	<48.9	ug/kg	263	48.9	1	08/01/17 07:45	08/02/17 10:34	67-66-3	W
Chloromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	74-87-3	W
2-Chlorotoluene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	95-49-8	W
4-Chlorotoluene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	106-43-4	W
1,2-Dibromo-3-chloropropane	<96.0	ug/kg	263	96.0	1	08/01/17 07:45	08/02/17 10:34	96-12-8	W
Dibromochloromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	124-48-1	W
1,2-Dibromoethane (EDB)	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	106-93-4	W
Dibromomethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	74-95-3	W
1,2-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	95-50-1	W
1,3-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	541-73-1	W
1,4-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	106-46-7	W
Dichlorodifluoromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	75-71-8	W
1,1-Dichloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	75-34-3	W
1,2-Dichloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	107-06-2	W
1,1-Dichloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	75-35-4	W
cis-1,2-Dichloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	156-59-2	W
trans-1,2-Dichloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	156-60-5	W
1,2-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	78-87-5	W
1,3-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	142-28-9	W
2,2-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	594-20-7	W
1,1-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	563-58-6	W
cis-1,3-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	10061-01-5	W
trans-1,3-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	10061-02-6	W
Diisopropyl ether	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	108-20-3	W
Ethylbenzene	53.6J	ug/kg	70.1	29.2	1	08/01/17 07:45	08/02/17 10:34	100-41-4	
Hexachloro-1,3-butadiene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	87-68-3	W
Isopropylbenzene (Cumene)	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	98-82-8	W
p-Isopropyltoluene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	99-87-6	W
Methylene Chloride	31.0J	ug/kg	70.1	29.2	1	08/01/17 07:45	08/02/17 10:34	75-09-2	
Methyl-tert-butyl ether	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	1634-04-4	W
Naphthalene	81.2J	ug/kg	292	46.8	1	08/01/17 07:45	08/02/17 10:34	91-20-3	
n-Propylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	103-65-1	W
Styrene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-38 4-6**      **Lab ID: 40154105012**      Collected: 07/28/17 11:25      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	630-20-6	W
1,1,1,2-Tetrachloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	79-34-5	W
Tetrachloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	127-18-4	W
Toluene	204	ug/kg	70.1	29.2	1	08/01/17 07:45	08/02/17 10:34	108-88-3	
1,2,3-Trichlorobenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	87-61-6	W
1,2,4-Trichlorobenzene	<50.1	ug/kg	263	50.1	1	08/01/17 07:45	08/02/17 10:34	120-82-1	W
1,1,1-Trichloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	71-55-6	W
1,1,2-Trichloroethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	79-00-5	W
Trichloroethene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	79-01-6	W
Trichlorofluoromethane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	75-69-4	W
1,2,3-Trichloropropane	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	96-18-4	W
1,2,4-Trimethylbenzene	68.4J	ug/kg	70.1	29.2	1	08/01/17 07:45	08/02/17 10:34	95-63-6	
1,3,5-Trimethylbenzene	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	108-67-8	W
Vinyl chloride	<26.3	ug/kg	63.2	26.3	1	08/01/17 07:45	08/02/17 10:34	75-01-4	W
Xylene (Total)	212	ug/kg	210	87.6	1	08/01/17 07:45	08/02/17 10:34	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	130	%	68-130		1	08/01/17 07:45	08/02/17 10:34	1868-53-7	
Toluene-d8 (S)	120	%	68-149		1	08/01/17 07:45	08/02/17 10:34	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	08/01/17 07:45	08/02/17 10:34	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	9.9	%	0.10	0.10	1		08/08/17 09:55		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Sample: B-38 6-8 Lab ID: 40154105013 Collected: 07/28/17 11:30 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 10:57	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 10:57	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 10:57	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 10:57	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	98-82-8	W
p-Isopropyltoluene	452	ug/kg	65.1	27.1	1	08/01/17 07:45	08/02/17 10:57	99-87-6	
Methylene Chloride	29.7J	ug/kg	65.1	27.1	1	08/01/17 07:45	08/02/17 10:57	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 10:57	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

**Sample: B-38 6-8**      **Lab ID: 40154105013**      Collected: 07/28/17 11:30      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 10:57	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 10:57	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 10:57	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	129	%	68-130		1	08/01/17 07:45	08/02/17 10:57	1868-53-7	
Toluene-d8 (S)	131	%	68-149		1	08/01/17 07:45	08/02/17 10:57	2037-26-5	
4-Bromofluorobenzene (S)	111	%	58-141		1	08/01/17 07:45	08/02/17 10:57	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	7.8	%	0.10	0.10	1		08/08/17 09:55		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

Sample: B-39 2-4 Lab ID: 40154105014 Collected: 07/28/17 09:00 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	256	ug/kg	79.0	32.9	1	08/01/17 07:45	08/02/17 11:19	71-43-2	
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 11:19	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 11:19	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 11:19	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 11:19	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	108-20-3	W
Ethylbenzene	52.5J	ug/kg	79.0	32.9	1	08/01/17 07:45	08/02/17 11:19	100-41-4	
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	1634-04-4	W
Naphthalene	72.7J	ug/kg	329	52.7	1	08/01/17 07:45	08/02/17 11:19	91-20-3	
n-Propylbenzene	42.4J	ug/kg	79.0	32.9	1	08/01/17 07:45	08/02/17 11:19	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-39 2-4**      **Lab ID: 40154105014**      Collected: 07/28/17 09:00      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	127-18-4	W
Toluene	70.2J	ug/kg	79.0	32.9	1	08/01/17 07:45	08/02/17 11:19	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 11:19	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	96-18-4	W
1,2,4-Trimethylbenzene	79.4	ug/kg	79.0	32.9	1	08/01/17 07:45	08/02/17 11:19	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:19	75-01-4	W
Xylene (Total)	166J	ug/kg	237	98.7	1	08/01/17 07:45	08/02/17 11:19	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	130	%	68-130		1	08/01/17 07:45	08/02/17 11:19	1868-53-7	
Toluene-d8 (S)	124	%	68-149		1	08/01/17 07:45	08/02/17 11:19	2037-26-5	
4-Bromofluorobenzene (S)	101	%	58-141		1	08/01/17 07:45	08/02/17 11:19	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	24.0	%	0.10	0.10	1		08/08/17 09:55		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Sample: B-39 4-6 Lab ID: 40154105015 Collected: 07/28/17 09:05 Received: 07/29/17 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 11:42	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 11:42	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 11:42	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 11:42	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	99-87-6	W
Methylene Chloride	39.5J	ug/kg	68.7	28.6	1	08/01/17 07:45	08/02/17 11:42	75-09-2	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/01/17 07:45	08/02/17 11:42	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	100-42-5	W

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-39 4-6**      **Lab ID: 40154105015**      Collected: 07/28/17 09:05      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 11:42	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 11:42	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 11:42	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	130	%	68-130		1	08/01/17 07:45	08/02/17 11:42	1868-53-7	
Toluene-d8 (S)	119	%	68-149		1	08/01/17 07:45	08/02/17 11:42	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	08/01/17 07:45	08/02/17 11:42	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.7	%	0.10	0.10	1		08/08/17 09:56		

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-39 6-8**      **Lab ID: 40154105016**      Collected: 07/28/17 09:10      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	08/01/17 07:45	08/02/17 02:26	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	08/01/17 07:45	08/02/17 02:26	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	08/01/17 07:45	08/02/17 02:26	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	08/01/17 07:45	08/02/17 02:26	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	1634-04-4	W
Naphthalene	94.7J	ug/kg	303	48.6	1	08/01/17 07:45	08/02/17 02:26	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	100-42-5	W

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-39 6-8**      **Lab ID: 40154105016**      Collected: 07/28/17 09:10      Received: 07/29/17 08:20      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	630-20-6	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	08/01/17 07:45	08/02/17 02:26	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/17 07:45	08/02/17 02:26	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	08/01/17 07:45	08/02/17 02:26	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	120	%	68-130		1	08/01/17 07:45	08/02/17 02:26	1868-53-7	
Toluene-d8 (S)	117	%	68-149		1	08/01/17 07:45	08/02/17 02:26	2037-26-5	
4-Bromofluorobenzene (S)	93	%	58-141		1	08/01/17 07:45	08/02/17 02:26	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	17.5	%	0.10	0.10	1		08/08/17 09:56		

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-30 2-4**      **Lab ID: 40154105017**      Collected: 08/01/17 00:00      Received: 08/01/17 00:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by HVI</b>		Analytical Method: EPA 8270 by HVI      Preparation Method: EPA 3510							
Acenaphthene	<b>0.0064J</b>	ug/L	0.027	0.0055	1	08/02/17 10:15	08/02/17 16:32	83-32-9	
Acenaphthylene	<b>&lt;0.0045</b>	ug/L	0.022	0.0045	1	08/02/17 10:15	08/02/17 16:32	208-96-8	
Anthracene	<b>&lt;0.0094</b>	ug/L	0.047	0.0094	1	08/02/17 10:15	08/02/17 16:32	120-12-7	
Benzo(a)anthracene	<b>&lt;0.0068</b>	ug/L	0.034	0.0068	1	08/02/17 10:15	08/02/17 16:32	56-55-3	
Benzo(a)pyrene	<b>&lt;0.0095</b>	ug/L	0.047	0.0095	1	08/02/17 10:15	08/02/17 16:32	50-32-8	
Benzo(b)fluoranthene	<b>&lt;0.0052</b>	ug/L	0.026	0.0052	1	08/02/17 10:15	08/02/17 16:32	205-99-2	
Benzo(g,h,i)perylene	<b>&lt;0.0061</b>	ug/L	0.031	0.0061	1	08/02/17 10:15	08/02/17 16:32	191-24-2	
Benzo(k)fluoranthene	<b>&lt;0.0068</b>	ug/L	0.034	0.0068	1	08/02/17 10:15	08/02/17 16:32	207-08-9	
Chrysene	<b>&lt;0.012</b>	ug/L	0.059	0.012	1	08/02/17 10:15	08/02/17 16:32	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;0.0090</b>	ug/L	0.045	0.0090	1	08/02/17 10:15	08/02/17 16:32	53-70-3	
Fluoranthene	<b>&lt;0.0096</b>	ug/L	0.048	0.0096	1	08/02/17 10:15	08/02/17 16:32	206-44-0	
Fluorene	<b>&lt;0.0072</b>	ug/L	0.036	0.0072	1	08/02/17 10:15	08/02/17 16:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;0.016</b>	ug/L	0.079	0.016	1	08/02/17 10:15	08/02/17 16:32	193-39-5	
1-Methylnaphthalene	<b>&lt;0.0053</b>	ug/L	0.027	0.0053	1	08/02/17 10:15	08/02/17 16:32	90-12-0	
2-Methylnaphthalene	<b>&lt;0.0044</b>	ug/L	0.022	0.0044	1	08/02/17 10:15	08/02/17 16:32	91-57-6	
Naphthalene	<b>&lt;0.017</b>	ug/L	0.083	0.017	1	08/02/17 10:15	08/02/17 16:32	91-20-3	
Phenanthrene	<b>&lt;0.012</b>	ug/L	0.062	0.012	1	08/02/17 10:15	08/02/17 16:32	85-01-8	
Pyrene	<b>0.0073J</b>	ug/L	0.034	0.0069	1	08/02/17 10:15	08/02/17 16:32	129-00-0	B
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	47	%	35-84		1	08/02/17 10:15	08/02/17 16:32	321-60-8	
Terphenyl-d14 (S)	69	%	10-129		1	08/02/17 10:15	08/02/17 16:32	1718-51-0	

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

**Sample: B-32 0-2**      **Lab ID: 40154105018**      Collected: 08/01/17 00:00      Received: 08/01/17 00:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by HVI</b>		Analytical Method: EPA 8270 by HVI    Preparation Method: EPA 3510							
Acenaphthene	<0.0055	ug/L	0.028	0.0055	1	08/02/17 10:15	08/02/17 16:48	83-32-9	
Acenaphthylene	<0.0045	ug/L	0.023	0.0045	1	08/02/17 10:15	08/02/17 16:48	208-96-8	
Anthracene	<0.0095	ug/L	0.048	0.0095	1	08/02/17 10:15	08/02/17 16:48	120-12-7	
Benzo(a)anthracene	<0.0069	ug/L	0.034	0.0069	1	08/02/17 10:15	08/02/17 16:48	56-55-3	
Benzo(a)pyrene	<0.0096	ug/L	0.048	0.0096	1	08/02/17 10:15	08/02/17 16:48	50-32-8	
Benzo(b)fluoranthene	<0.0052	ug/L	0.026	0.0052	1	08/02/17 10:15	08/02/17 16:48	205-99-2	
Benzo(g,h,i)perylene	<0.0062	ug/L	0.031	0.0062	1	08/02/17 10:15	08/02/17 16:48	191-24-2	
Benzo(k)fluoranthene	<0.0069	ug/L	0.034	0.0069	1	08/02/17 10:15	08/02/17 16:48	207-08-9	
Chrysene	<0.012	ug/L	0.059	0.012	1	08/02/17 10:15	08/02/17 16:48	218-01-9	
Dibenz(a,h)anthracene	<0.0091	ug/L	0.046	0.0091	1	08/02/17 10:15	08/02/17 16:48	53-70-3	
Fluoranthene	<0.0097	ug/L	0.048	0.0097	1	08/02/17 10:15	08/02/17 16:48	206-44-0	
Fluorene	<0.0072	ug/L	0.036	0.0072	1	08/02/17 10:15	08/02/17 16:48	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.016	ug/L	0.080	0.016	1	08/02/17 10:15	08/02/17 16:48	193-39-5	
1-Methylnaphthalene	<0.0054	ug/L	0.027	0.0054	1	08/02/17 10:15	08/02/17 16:48	90-12-0	
2-Methylnaphthalene	<0.0045	ug/L	0.022	0.0045	1	08/02/17 10:15	08/02/17 16:48	91-57-6	
Naphthalene	<0.017	ug/L	0.083	0.017	1	08/02/17 10:15	08/02/17 16:48	91-20-3	
Phenanthrene	<0.013	ug/L	0.063	0.013	1	08/02/17 10:15	08/02/17 16:48	85-01-8	
Pyrene	0.0078J	ug/L	0.035	0.0070	1	08/02/17 10:15	08/02/17 16:48	129-00-0	B
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	46	%	35-84		1	08/02/17 10:15	08/02/17 16:48	321-60-8	
Terphenyl-d14 (S)	72	%	10-129		1	08/02/17 10:15	08/02/17 16:48	1718-51-0	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

QC Batch: 263183

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Associated Lab Samples: 40154105003, 40154105004, 40154105005, 40154105006, 40154105007, 40154105008, 40154105009, 40154105010, 40154105011, 40154105012, 40154105013, 40154105014, 40154105015, 40154105016

METHOD BLANK: 1548601

Matrix: Solid

Associated Lab Samples: 40154105003, 40154105004, 40154105005, 40154105006, 40154105007, 40154105008, 40154105009, 40154105010, 40154105011, 40154105012, 40154105013, 40154105014, 40154105015, 40154105016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	08/01/17 18:32	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	08/01/17 18:32	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	08/01/17 18:32	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	08/01/17 18:32	
1,1-Dichloroethane	ug/kg	<17.6	50.0	08/01/17 18:32	
1,1-Dichloroethene	ug/kg	<17.6	50.0	08/01/17 18:32	
1,1-Dichloropropene	ug/kg	<14.0	50.0	08/01/17 18:32	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	08/01/17 18:32	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	08/01/17 18:32	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	08/01/17 18:32	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/01/17 18:32	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	08/01/17 18:32	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	08/01/17 18:32	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	08/01/17 18:32	
1,2-Dichloroethane	ug/kg	<15.0	50.0	08/01/17 18:32	
1,2-Dichloropropane	ug/kg	<16.8	50.0	08/01/17 18:32	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/01/17 18:32	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	08/01/17 18:32	
1,3-Dichloropropane	ug/kg	<12.0	50.0	08/01/17 18:32	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	08/01/17 18:32	
2,2-Dichloropropane	ug/kg	<12.6	50.0	08/01/17 18:32	
2-Chlorotoluene	ug/kg	<15.8	50.0	08/01/17 18:32	
4-Chlorotoluene	ug/kg	<13.0	50.0	08/01/17 18:32	
Benzene	ug/kg	<9.2	20.0	08/01/17 18:32	
Bromobenzene	ug/kg	<20.6	50.0	08/01/17 18:32	
Bromochloromethane	ug/kg	<21.4	50.0	08/01/17 18:32	
Bromodichloromethane	ug/kg	<9.8	50.0	08/01/17 18:32	
Bromoform	ug/kg	<19.8	50.0	08/01/17 18:32	
Bromomethane	ug/kg	<69.9	250	08/01/17 18:32	
Carbon tetrachloride	ug/kg	<12.1	50.0	08/01/17 18:32	
Chlorobenzene	ug/kg	<14.8	50.0	08/01/17 18:32	
Chloroethane	ug/kg	<67.0	250	08/01/17 18:32	
Chloroform	ug/kg	<46.4	250	08/01/17 18:32	
Chloromethane	ug/kg	<20.4	50.0	08/01/17 18:32	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	08/01/17 18:32	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	08/01/17 18:32	
Dibromochloromethane	ug/kg	<17.9	50.0	08/01/17 18:32	
Dibromomethane	ug/kg	<19.3	50.0	08/01/17 18:32	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	08/01/17 18:32	
Diisopropyl ether	ug/kg	<17.7	50.0	08/01/17 18:32	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

METHOD BLANK: 1548601

Matrix: Solid

Associated Lab Samples: 40154105003, 40154105004, 40154105005, 40154105006, 40154105007, 40154105008, 40154105009, 40154105010, 40154105011, 40154105012, 40154105013, 40154105014, 40154105015, 40154105016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	08/01/17 18:32	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	08/01/17 18:32	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	08/01/17 18:32	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/01/17 18:32	
Methylene Chloride	ug/kg	19.8J	50.0	08/01/17 18:32	
n-Butylbenzene	ug/kg	<10.5	50.0	08/01/17 18:32	
n-Propylbenzene	ug/kg	<11.6	50.0	08/01/17 18:32	
Naphthalene	ug/kg	<40.0	250	08/01/17 18:32	
p-Isopropyltoluene	ug/kg	<12.0	50.0	08/01/17 18:32	
sec-Butylbenzene	ug/kg	<11.9	50.0	08/01/17 18:32	
Styrene	ug/kg	<9.0	50.0	08/01/17 18:32	
tert-Butylbenzene	ug/kg	<9.5	50.0	08/01/17 18:32	
Tetrachloroethene	ug/kg	<12.9	50.0	08/01/17 18:32	
Toluene	ug/kg	<11.2	50.0	08/01/17 18:32	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	08/01/17 18:32	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	08/01/17 18:32	
Trichloroethene	ug/kg	<23.6	50.0	08/01/17 18:32	
Trichlorofluoromethane	ug/kg	<24.7	50.0	08/01/17 18:32	
Vinyl chloride	ug/kg	<21.1	50.0	08/01/17 18:32	
Xylene (Total)	ug/kg	<48.4	150	08/01/17 18:32	
4-Bromofluorobenzene (S)	%	89	58-141	08/01/17 18:32	
Dibromofluoromethane (S)	%	110	68-130	08/01/17 18:32	
Toluene-d8 (S)	%	111	68-149	08/01/17 18:32	

LABORATORY CONTROL SAMPLE: 1548602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	93	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2500	100	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2570	103	70-130	
1,1-Dichloroethane	ug/kg	2500	2530	101	63-124	
1,1-Dichloroethene	ug/kg	2500	2410	96	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2120	85	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2240	89	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2450	98	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2560	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2570	103	56-135	
1,2-Dichloropropane	ug/kg	2500	2610	104	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2510	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2540	102	70-130	
Benzene	ug/kg	2500	2510	100	66-130	
Bromodichloromethane	ug/kg	2500	2500	100	62-135	
Bromoform	ug/kg	2500	2490	99	68-130	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

LABORATORY CONTROL SAMPLE: 1548602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2250	90	29-137	
Carbon tetrachloride	ug/kg	2500	2400	96	57-130	
Chlorobenzene	ug/kg	2500	2590	104	70-130	
Chloroethane	ug/kg	2500	2680	107	36-144	
Chloroform	ug/kg	2500	2480	99	69-115	
Chloromethane	ug/kg	2500	1610	65	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2350	94	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2220	89	70-130	
Dibromochloromethane	ug/kg	2500	2410	96	70-130	
Dichlorodifluoromethane	ug/kg	2500	1390	56	10-99	
Ethylbenzene	ug/kg	2500	2500	100	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2370	95	63-134	
Methylene Chloride	ug/kg	2500	2470	99	56-123	
Styrene	ug/kg	2500	2480	99	70-130	
Tetrachloroethene	ug/kg	2500	2650	106	70-131	
Toluene	ug/kg	2500	2680	107	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2350	94	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2420	97	68-130	
Trichloroethene	ug/kg	2500	2590	103	70-130	
Trichlorofluoromethane	ug/kg	2500	2780	111	37-149	
Vinyl chloride	ug/kg	2500	1990	79	43-128	
Xylene (Total)	ug/kg	7500	7290	97	70-130	
4-Bromofluorobenzene (S)	%			96	58-141	
Dibromofluoromethane (S)	%			107	68-130	
Toluene-d8 (S)	%			109	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548603 1548604

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40154105016 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/kg	<25.0	1520	1520	1540	1500	102	99	57-123	3	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1520	1520	1630	1730	107	114	73-135	6	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1520	1520	1700	1710	112	113	70-130	1	20	
1,1-Dichloroethane	ug/kg	<25.0	1520	1520	1580	1590	104	105	63-124	1	20	
1,1-Dichloroethene	ug/kg	<25.0	1520	1520	1450	1450	96	96	48-117	0	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1520	1520	1530	1600	101	105	78-145	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1520	1520	1410	1500	93	99	38-168	6	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1520	1520	1630	1650	107	109	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1520	1520	1670	1730	110	114	70-130	3	20	
1,2-Dichloroethane	ug/kg	<25.0	1520	1520	1830	1780	121	117	56-145	3	20	
1,2-Dichloropropane	ug/kg	<25.0	1520	1520	1630	1600	107	106	77-123	2	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1520	1520	1590	1650	105	109	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1520	1520	1640	1690	108	112	70-130	3	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Parameter	Units	40154105016		1548603		1548604		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Benzene	ug/kg	<25.0	1520	1520	1550	1520	102	101	65-130	1	20		
Bromodichloromethane	ug/kg	<25.0	1520	1520	1620	1630	107	107	59-141	0	20		
Bromoform	ug/kg	<25.0	1520	1520	1660	1700	110	112	59-141	2	20		
Bromomethane	ug/kg	<69.9	1520	1520	1330	1380	88	91	28-139	4	20		
Carbon tetrachloride	ug/kg	<25.0	1520	1520	1460	1480	97	97	50-130	1	20		
Chlorobenzene	ug/kg	<25.0	1520	1520	1690	1670	111	110	70-130	1	20		
Chloroethane	ug/kg	<67.0	1520	1520	1480	1530	98	101	36-144	3	20		
Chloroform	ug/kg	<46.4	1520	1520	1660	1630	110	108	68-122	2	20		
Chloromethane	ug/kg	<25.0	1520	1520	906	947	60	62	30-126	4	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1520	1520	1480	1440	98	95	63-130	3	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1520	1520	1430	1420	94	94	70-130	0	20		
Dibromochloromethane	ug/kg	<25.0	1520	1520	1590	1540	105	102	66-136	3	20		
Dichlorodifluoromethane	ug/kg	<25.0	1520	1520	742	723	49	48	10-99	3	33		
Ethylbenzene	ug/kg	<25.0	1520	1520	1520	1470	100	97	80-122	3	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1520	1520	1460	1380	96	91	70-130	5	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1520	1520	1640	1630	108	108	63-134	0	20		
Methylene Chloride	ug/kg	<25.0	1520	1520	1820	1780	118	116	56-127	2	20		
Styrene	ug/kg	<25.0	1520	1520	1570	1520	103	101	70-130	3	20		
Tetrachloroethene	ug/kg	<25.0	1520	1520	1670	1520	110	101	70-131	9	20		
Toluene	ug/kg	<25.0	1520	1520	1680	1640	110	107	80-120	2	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1520	1520	1580	1560	104	103	60-130	1	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1520	1520	1530	1480	101	98	68-130	3	20		
Trichloroethene	ug/kg	<25.0	1520	1520	1600	1590	106	105	70-130	1	20		
Trichlorofluoromethane	ug/kg	<25.0	1520	1520	1540	1570	102	104	37-149	2	24		
Vinyl chloride	ug/kg	<25.0	1520	1520	1100	1050	72	69	39-128	5	20		
Xylene (Total)	ug/kg	<75.0	4550	4550	4600	4440	101	98	70-130	3	20		
4-Bromofluorobenzene (S)	%						104	102	58-141				
Dibromofluoromethane (S)	%						118	115	68-130				
Toluene-d8 (S)	%						119	119	68-149				

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

QC Batch: 263307

Analysis Method: EPA 8270 by HVI

QC Batch Method: EPA 3510

Analysis Description: 8270 Water PAH by HVI

Associated Lab Samples: 40154105017, 40154105018

METHOD BLANK: 1549461

Matrix: Water

Associated Lab Samples: 40154105017, 40154105018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	08/02/17 13:00	
2-Methylnaphthalene	ug/L	<0.0049	0.024	08/02/17 13:00	
Acenaphthene	ug/L	<0.0061	0.030	08/02/17 13:00	
Acenaphthylene	ug/L	<0.0050	0.025	08/02/17 13:00	
Anthracene	ug/L	<0.010	0.052	08/02/17 13:00	
Benzo(a)anthracene	ug/L	<0.0076	0.038	08/02/17 13:00	
Benzo(a)pyrene	ug/L	<0.011	0.053	08/02/17 13:00	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	08/02/17 13:00	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	08/02/17 13:00	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	08/02/17 13:00	
Chrysene	ug/L	<0.013	0.065	08/02/17 13:00	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	08/02/17 13:00	
Fluoranthene	ug/L	<0.011	0.053	08/02/17 13:00	
Fluorene	ug/L	<0.0080	0.040	08/02/17 13:00	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	08/02/17 13:00	
Naphthalene	ug/L	<0.018	0.092	08/02/17 13:00	
Phenanthrene	ug/L	<0.014	0.069	08/02/17 13:00	
Pyrene	ug/L	0.017J	0.038	08/02/17 13:00	
2-Fluorobiphenyl (S)	%	63	35-84	08/02/17 13:00	
Terphenyl-d14 (S)	%	99	10-129	08/02/17 13:00	

METHOD BLANK: 1549464

Matrix: Water

Associated Lab Samples: 40154105017, 40154105018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0056	0.028	08/02/17 13:17	
2-Methylnaphthalene	ug/L	<0.0046	0.023	08/02/17 13:17	
Acenaphthene	ug/L	<0.0057	0.029	08/02/17 13:17	
Acenaphthylene	ug/L	<0.0047	0.023	08/02/17 13:17	
Anthracene	ug/L	<0.0099	0.049	08/02/17 13:17	
Benzo(a)anthracene	ug/L	<0.0071	0.036	08/02/17 13:17	
Benzo(a)pyrene	ug/L	<0.0099	0.050	08/02/17 13:17	
Benzo(b)fluoranthene	ug/L	<0.0054	0.027	08/02/17 13:17	
Benzo(g,h,i)perylene	ug/L	<0.0064	0.032	08/02/17 13:17	
Benzo(k)fluoranthene	ug/L	<0.0071	0.036	08/02/17 13:17	
Chrysene	ug/L	<0.012	0.062	08/02/17 13:17	
Dibenz(a,h)anthracene	ug/L	<0.0095	0.047	08/02/17 13:17	
Fluoranthene	ug/L	<0.010	0.050	08/02/17 13:17	
Fluorene	ug/L	<0.0075	0.038	08/02/17 13:17	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154105

METHOD BLANK: 1549464 Matrix: Water  
Associated Lab Samples: 40154105017, 40154105018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	<0.017	0.083	08/02/17 13:17	
Naphthalene	ug/L	<0.017	0.086	08/02/17 13:17	
Phenanthrene	ug/L	<0.013	0.065	08/02/17 13:17	
Pyrene	ug/L	0.013J	0.036	08/02/17 13:17	
2-Fluorobiphenyl (S)	%	50	35-84	08/02/17 13:17	
Terphenyl-d14 (S)	%	66	10-129	08/02/17 13:17	

LABORATORY CONTROL SAMPLE & LCSD: 1549462

Parameter	Units	1549463								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.2	1.3	60	65	39-83	7	29	
2-Methylnaphthalene	ug/L	2	1.2	1.3	61	66	38-86	8	32	
Acenaphthene	ug/L	2	1.4	1.4	68	70	35-85	3	27	
Acenaphthylene	ug/L	2	1.4	1.4	70	68	31-88	3	29	
Anthracene	ug/L	2	1.7	1.7	86	83	47-104	4	25	
Benzo(a)anthracene	ug/L	2	1.9	1.9	94	93	36-105	1	20	
Benzo(a)pyrene	ug/L	2	2.3	2.2	113	109	69-117	4	20	
Benzo(b)fluoranthene	ug/L	2	2.0	1.9	102	96	54-107	6	22	
Benzo(g,h,i)perylene	ug/L	2	0.99	0.99	49	49	13-86	0	33	
Benzo(k)fluoranthene	ug/L	2	2.0	1.9	102	97	63-128	5	20	
Chrysene	ug/L	2	2.3	2.3	117	113	69-150	3	20	
Dibenz(a,h)anthracene	ug/L	2	0.78	0.73	39	37	10-87	6	37	
Fluoranthene	ug/L	2	1.9	1.8	96	91	57-103	5	20	
Fluorene	ug/L	2	1.4	1.4	70	72	38-85	2	28	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.5	1.5	77	77	40-111	0	22	
Naphthalene	ug/L	2	1.2	1.3	62	66	39-82	6	28	
Phenanthrene	ug/L	2	1.6	1.5	81	77	46-96	5	25	
Pyrene	ug/L	2	2.0	1.9	99	96	57-110	4	20	
2-Fluorobiphenyl (S)	%				63	62	35-84			
Terphenyl-d14 (S)	%				99	96	10-129			

MATRIX SPIKE SAMPLE: 1549465

Parameter	Units	40152349011					
		Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	<0.0060	1.9	0.84	45	27-86	
2-Methylnaphthalene	ug/L	<0.0049	1.9	0.88	47	30-86	
Acenaphthene	ug/L	<0.0061	1.9	0.94	50	28-85	
Acenaphthylene	ug/L	<0.0050	1.9	0.95	51	27-88	
Anthracene	ug/L	<0.011	1.9	1.2	65	38-104	
Benzo(a)anthracene	ug/L	<0.0076	1.9	1.2	66	10-105	
Benzo(a)pyrene	ug/L	<0.011	1.9	1.3	69	10-130	
Benzo(b)fluoranthene	ug/L	<0.0058	1.9	1.2	64	10-115	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

MATRIX SPIKE SAMPLE:		1549465					
Parameter	Units	40152349011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(g,h,i)perylene	ug/L	<0.0068	1.9	0.40	22	10-87	
Benzo(k)fluoranthene	ug/L	<0.0076	1.9	1.0	55	10-133	
Chrysene	ug/L	<0.013	1.9	1.5	81	17-150	
Dibenz(a,h)anthracene	ug/L	<0.010	1.9	0.37	20	10-89	
Fluoranthene	ug/L	<0.011	1.9	1.2	67	41-103	
Fluorene	ug/L	<0.0081	1.9	0.97	52	32-85	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	1.9	0.74	40	10-111	
Naphthalene	ug/L	<0.019	1.9	0.88	46	23-88	
Phenanthrene	ug/L	<0.014	1.9	1.1	58	33-96	
Pyrene	ug/L	0.0090J	1.9	1.3	71	38-110	
2-Fluorobiphenyl (S)	%				45	35-84	
Terphenyl-d14 (S)	%				69	10-129	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

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QC Batch:	263115	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40154105003, 40154105004, 40154105005, 40154105006, 40154105007, 40154105008, 40154105009, 40154105010		

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SAMPLE DUPLICATE: 1548403

Parameter	Units	40154096010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.5	22.4	1	10	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

QC Batch: 263837

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40154105011, 40154105012, 40154105013, 40154105014, 40154105015, 40154105016

SAMPLE DUPLICATE: 1552704

Parameter	Units	40154252003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.0	15.5	3	10	

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

1q Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from re-analysis of 40154105-011 that demonstrated similar interference).

B Analyte was detected in the associated method blank.

S1 Surrogate recovery outside laboratory control limits (confirmed by re-analysis).

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154105

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154105017	B-30 2-4	EPA 3510	263307	EPA 8270 by HVI	263366
40154105018	B-32 0-2	EPA 3510	263307	EPA 8270 by HVI	263366
40154105003	B-35 2-4	EPA 5035/5030B	263183	EPA 8260	263184
40154105004	B-35 4-6	EPA 5035/5030B	263183	EPA 8260	263184
40154105005	B-35 6-8	EPA 5035/5030B	263183	EPA 8260	263184
40154105006	B-36 2-4	EPA 5035/5030B	263183	EPA 8260	263184
40154105007	B-36 4-6	EPA 5035/5030B	263183	EPA 8260	263184
40154105008	B-36 6-8	EPA 5035/5030B	263183	EPA 8260	263184
40154105009	B-37 2-4	EPA 5035/5030B	263183	EPA 8260	263184
40154105010	B-37 4-6	EPA 5035/5030B	263183	EPA 8260	263184
40154105011	B-38 2-4	EPA 5035/5030B	263183	EPA 8260	263184
40154105012	B-38 4-6	EPA 5035/5030B	263183	EPA 8260	263184
40154105013	B-38 6-8	EPA 5035/5030B	263183	EPA 8260	263184
40154105014	B-39 2-4	EPA 5035/5030B	263183	EPA 8260	263184
40154105015	B-39 4-6	EPA 5035/5030B	263183	EPA 8260	263184
40154105016	B-39 6-8	EPA 5035/5030B	263183	EPA 8260	263184
40154105003	B-35 2-4	ASTM D2974-87	263115		
40154105004	B-35 4-6	ASTM D2974-87	263115		
40154105005	B-35 6-8	ASTM D2974-87	263115		
40154105006	B-36 2-4	ASTM D2974-87	263115		
40154105007	B-36 4-6	ASTM D2974-87	263115		
40154105008	B-36 6-8	ASTM D2974-87	263115		
40154105009	B-37 2-4	ASTM D2974-87	263115		
40154105010	B-37 4-6	ASTM D2974-87	263115		
40154105011	B-38 2-4	ASTM D2974-87	263837		
40154105012	B-38 4-6	ASTM D2974-87	263837		
40154105013	B-38 6-8	ASTM D2974-87	263837		
40154105014	B-39 2-4	ASTM D2974-87	263837		
40154105015	B-39 4-6	ASTM D2974-87	263837		
40154105016	B-39 6-8	ASTM D2974-87	263837		

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Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #:

WO#: 40154105

Client Name: GILES ENGINEERING ASSOC

Courier: Fed Ex UPS Client Pace Other: CS LOGISTICS
Tracking #: 2219 072817



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: 201 /Corr: Biological Tissue is Frozen: yes

Temp Blank Present: yes no

Person examining contents:
Date: 7/29/17
Initials: [Signature]

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Comments:

Table with 15 rows of inspection items and checkboxes. Includes items like Chain of Custody Present, Samples Arrived within Hold Time, Short Hold Time Analysis, Rush Turn Around Time Requested, Sufficient Volume, Containers Intact, etc.

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: 4008 7/29/17 Date/Time:

Comments/ Resolution: 003 vial no depth in ID, 002 ID depth 2-4 7/29/17

Project Manager Review: AL for DM

Date: 7-29-17

August 15, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154475

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on August 04, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Soil samples 40154475001-004 were leached using lab reagent water as specified is EPA Method 1312 (SPLP). The leaches were analyzed for VOC and are reported as 40154475005-008.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154475001	B-11 (2-4')	Solid	08/03/17 09:45	08/04/17 10:10
40154475002	B-14A (2-4')	Solid	08/03/17 09:30	08/04/17 10:10
40154475003	B-30 (2-4')	Solid	08/03/17 10:00	08/04/17 10:10
40154475004	B-32 (0-2')	Solid	08/03/17 10:30	08/04/17 10:10
40154475005	B-11 (2-4')	Water	08/03/17 09:45	08/04/17 10:10
40154475006	B-14A (2-4')	Water	08/03/17 09:30	08/04/17 10:10
40154475007	B-30 (2-4')	Water	08/03/17 10:00	08/04/17 10:10
40154475008	B-32 (0-2')	Water	08/03/17 10:30	08/04/17 10:10

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### SAMPLE ANALYTE COUNT

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154475002	B-14A (2-4')	EPA 8082	BDS	10	PASI-G
		WI MOD DRO	ABF	1	PASI-G
40154475004	B-32 (0-2')	EPA 8082	BDS	10	PASI-G
		WI MOD DRO	ABF	1	PASI-G
		EPA 6010	DLB	1	PASI-G
40154475005	B-11 (2-4')	EPA 8260	LAP	63	PASI-G
40154475006	B-14A (2-4')	EPA 8260	LAP	63	PASI-G
40154475007	B-30 (2-4')	EPA 8260	LAP	63	PASI-G
40154475008	B-32 (0-2')	EPA 8260	LAP	63	PASI-G

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### SUMMARY OF DETECTION

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40154475002</b>	<b>B-14A (2-4')</b>					
WI MOD DRO	Diesel Range Organics	29.4	mg/kg	4.2	08/14/17 16:26	D5,DC
<b>40154475004</b>	<b>B-32 (0-2')</b>					
WI MOD DRO	Diesel Range Organics	7.1	mg/kg	4.1	08/14/17 16:35	D5,DC
<b>40154475005</b>	<b>B-11 (2-4')</b>					
EPA 8260	Methylene Chloride	3.8J	ug/L	10.0	08/11/17 13:48	
<b>40154475006</b>	<b>B-14A (2-4')</b>					
EPA 8260	Methylene Chloride	2.8J	ug/L	10.0	08/11/17 14:10	
<b>40154475007</b>	<b>B-30 (2-4')</b>					
EPA 8260	Ethylbenzene	12.1	ug/L	10.0	08/11/17 14:32	
EPA 8260	Methylene Chloride	3.1J	ug/L	10.0	08/11/17 14:32	
EPA 8260	Toluene	14.7	ug/L	10.0	08/11/17 14:32	
EPA 8260	1,2,4-Trimethylbenzene	6.3J	ug/L	10.0	08/11/17 14:32	
EPA 8260	Xylene (Total)	54.0	ug/L	30.0	08/11/17 14:32	
<b>40154475008</b>	<b>B-32 (0-2')</b>					
EPA 8260	Methylene Chloride	4.3J	ug/L	10.0	08/11/17 14:55	

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

**Sample: B-14A (2-4')**      **Lab ID: 40154475002**      Collected: 08/03/17 09:30      Received: 08/04/17 10:10      Matrix: Solid

**Results reported on a "wet-weight" basis**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:16	12674-11-2	
PCB-1221 (Aroclor 1221)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:16	11104-28-2	
PCB-1232 (Aroclor 1232)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:16	11141-16-5	
PCB-1242 (Aroclor 1242)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:16	53469-21-9	
PCB-1248 (Aroclor 1248)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:16	12672-29-6	
PCB-1254 (Aroclor 1254)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:16	11097-69-1	
PCB-1260 (Aroclor 1260)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:16	11096-82-5	
PCB, Total	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:16	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	76	%	50-102		1	08/07/17 13:29	08/08/17 09:16	877-09-8	
Decachlorobiphenyl (S)	77	%	53-105		1	08/07/17 13:29	08/08/17 09:16	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Diesel Range Organics	29.4	mg/kg	4.2	1.3	1	08/11/17 09:06	08/14/17 16:26		D5,DC

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154475

**Sample: B-32 (0-2')**      **Lab ID: 40154475004**      Collected: 08/03/17 10:30      Received: 08/04/17 10:10      Matrix: Solid

**Results reported on a "wet-weight" basis**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082    Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:38	12674-11-2	
PCB-1221 (Aroclor 1221)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:38	11104-28-2	
PCB-1232 (Aroclor 1232)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:38	11141-16-5	
PCB-1242 (Aroclor 1242)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:38	53469-21-9	
PCB-1248 (Aroclor 1248)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:38	12672-29-6	
PCB-1254 (Aroclor 1254)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:38	11097-69-1	
PCB-1260 (Aroclor 1260)	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:38	11096-82-5	
PCB, Total	<25.0	ug/kg	50.0	25.0	1	08/07/17 13:29	08/08/17 09:38	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	73	%	50-102		1	08/07/17 13:29	08/08/17 09:38	877-09-8	
Decachlorobiphenyl (S)	75	%	53-105		1	08/07/17 13:29	08/08/17 09:38	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO    Preparation Method: WI MOD DRO									
Diesel Range Organics	7.1	mg/kg	4.1	1.2	1	08/11/17 09:06	08/14/17 16:35		D5,DC
<b>6010 MET ICP, TCLP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 08/07/17 12:13									
Lead	<0.022	mg/L	0.065	0.022	1	08/08/17 09:35	08/08/17 17:36	7439-92-1	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

**Sample: B-11 (2-4')**      **Lab ID: 40154475005**      Collected: 08/03/17 09:45      Received: 08/04/17 10:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		08/11/17 13:48	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		08/11/17 13:48	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		08/11/17 13:48	74-83-9	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	104-51-8	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		08/11/17 13:48	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		08/11/17 13:48	98-06-6	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	108-90-7	
Chloroethane	<3.7	ug/L	10.0	3.7	10		08/11/17 13:48	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		08/11/17 13:48	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	74-87-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	95-49-8	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		08/11/17 13:48	106-43-4	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		08/11/17 13:48	96-12-8	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	124-48-1	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		08/11/17 13:48	106-93-4	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		08/11/17 13:48	74-95-3	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	95-50-1	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	541-73-1	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	106-46-7	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		08/11/17 13:48	75-71-8	
1,1-Dichloroethane	<2.4	ug/L	10.0	2.4	10		08/11/17 13:48	75-34-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		08/11/17 13:48	107-06-2	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		08/11/17 13:48	75-35-4	
cis-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		08/11/17 13:48	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		08/11/17 13:48	156-60-5	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		08/11/17 13:48	78-87-5	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	142-28-9	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		08/11/17 13:48	594-20-7	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		08/11/17 13:48	563-58-6	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	10061-01-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		08/11/17 13:48	10061-02-6	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	108-20-3	
Ethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		08/11/17 13:48	87-68-3	
Isopropylbenzene (Cumene)	<1.4	ug/L	10.0	1.4	10		08/11/17 13:48	98-82-8	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	99-87-6	
Methylene Chloride	3.8J	ug/L	10.0	2.3	10		08/11/17 13:48	75-09-2	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		08/11/17 13:48	1634-04-4	
Naphthalene	<25.0	ug/L	50.0	25.0	10		08/11/17 13:48	91-20-3	
n-Propylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	103-65-1	
Styrene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		08/11/17 13:48	630-20-6	

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

**Sample: B-11 (2-4')**      **Lab ID: 40154475005**      Collected: 08/03/17 09:45      Received: 08/04/17 10:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		08/11/17 13:48	79-34-5	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	127-18-4	
Toluene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	108-88-3	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		08/11/17 13:48	87-61-6	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		08/11/17 13:48	120-82-1	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	71-55-6	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		08/11/17 13:48	79-00-5	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		08/11/17 13:48	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		08/11/17 13:48	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	96-18-4	
1,2,4-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	95-63-6	
1,3,5-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 13:48	108-67-8	
Vinyl chloride	<1.8	ug/L	10.0	1.8	10		08/11/17 13:48	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		08/11/17 13:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		10		08/11/17 13:48	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		10		08/11/17 13:48	1868-53-7	
Toluene-d8 (S)	103	%	70-130		10		08/11/17 13:48	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

Sample: B-14A (2-4') Lab ID: 40154475006 Collected: 08/03/17 09:30 Received: 08/04/17 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		08/11/17 14:10	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		08/11/17 14:10	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		08/11/17 14:10	74-83-9	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	104-51-8	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		08/11/17 14:10	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		08/11/17 14:10	98-06-6	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	108-90-7	
Chloroethane	<3.7	ug/L	10.0	3.7	10		08/11/17 14:10	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		08/11/17 14:10	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	74-87-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	95-49-8	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		08/11/17 14:10	106-43-4	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		08/11/17 14:10	96-12-8	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	124-48-1	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		08/11/17 14:10	106-93-4	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		08/11/17 14:10	74-95-3	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	95-50-1	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	541-73-1	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	106-46-7	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		08/11/17 14:10	75-71-8	
1,1-Dichloroethane	<2.4	ug/L	10.0	2.4	10		08/11/17 14:10	75-34-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		08/11/17 14:10	107-06-2	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		08/11/17 14:10	75-35-4	
cis-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		08/11/17 14:10	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		08/11/17 14:10	156-60-5	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		08/11/17 14:10	78-87-5	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	142-28-9	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		08/11/17 14:10	594-20-7	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		08/11/17 14:10	563-58-6	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	10061-01-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		08/11/17 14:10	10061-02-6	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	108-20-3	
Ethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		08/11/17 14:10	87-68-3	
Isopropylbenzene (Cumene)	<1.4	ug/L	10.0	1.4	10		08/11/17 14:10	98-82-8	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	99-87-6	
Methylene Chloride	2.8J	ug/L	10.0	2.3	10		08/11/17 14:10	75-09-2	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		08/11/17 14:10	1634-04-4	
Naphthalene	<25.0	ug/L	50.0	25.0	10		08/11/17 14:10	91-20-3	
n-Propylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	103-65-1	
Styrene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		08/11/17 14:10	630-20-6	

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

**Sample: B-14A (2-4')**      **Lab ID: 40154475006**      Collected: 08/03/17 09:30      Received: 08/04/17 10:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		08/11/17 14:10	79-34-5	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	127-18-4	
Toluene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	108-88-3	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		08/11/17 14:10	87-61-6	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		08/11/17 14:10	120-82-1	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	71-55-6	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		08/11/17 14:10	79-00-5	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		08/11/17 14:10	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		08/11/17 14:10	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	96-18-4	
1,2,4-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	95-63-6	
1,3,5-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:10	108-67-8	
Vinyl chloride	<1.8	ug/L	10.0	1.8	10		08/11/17 14:10	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		08/11/17 14:10	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	61-130		10		08/11/17 14:10	460-00-4	
Dibromofluoromethane (S)	100	%	67-130		10		08/11/17 14:10	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		08/11/17 14:10	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

**Sample: B-30 (2-4')**      **Lab ID: 40154475007**      Collected: 08/03/17 10:00      Received: 08/04/17 10:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		08/11/17 14:32	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		08/11/17 14:32	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		08/11/17 14:32	74-83-9	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	104-51-8	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		08/11/17 14:32	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		08/11/17 14:32	98-06-6	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	108-90-7	
Chloroethane	<3.7	ug/L	10.0	3.7	10		08/11/17 14:32	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		08/11/17 14:32	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	74-87-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	95-49-8	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		08/11/17 14:32	106-43-4	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		08/11/17 14:32	96-12-8	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	124-48-1	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		08/11/17 14:32	106-93-4	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		08/11/17 14:32	74-95-3	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	95-50-1	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	541-73-1	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	106-46-7	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		08/11/17 14:32	75-71-8	
1,1-Dichloroethane	<2.4	ug/L	10.0	2.4	10		08/11/17 14:32	75-34-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		08/11/17 14:32	107-06-2	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		08/11/17 14:32	75-35-4	
cis-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		08/11/17 14:32	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		08/11/17 14:32	156-60-5	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		08/11/17 14:32	78-87-5	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	142-28-9	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		08/11/17 14:32	594-20-7	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		08/11/17 14:32	563-58-6	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	10061-01-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		08/11/17 14:32	10061-02-6	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	108-20-3	
Ethylbenzene	12.1	ug/L	10.0	5.0	10		08/11/17 14:32	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		08/11/17 14:32	87-68-3	
Isopropylbenzene (Cumene)	<1.4	ug/L	10.0	1.4	10		08/11/17 14:32	98-82-8	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	99-87-6	
Methylene Chloride	3.1J	ug/L	10.0	2.3	10		08/11/17 14:32	75-09-2	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		08/11/17 14:32	1634-04-4	
Naphthalene	<25.0	ug/L	50.0	25.0	10		08/11/17 14:32	91-20-3	
n-Propylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	103-65-1	
Styrene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		08/11/17 14:32	630-20-6	

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

**Sample: B-30 (2-4')**      **Lab ID: 40154475007**      Collected: 08/03/17 10:00      Received: 08/04/17 10:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		08/11/17 14:32	79-34-5	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	127-18-4	
Toluene	14.7	ug/L	10.0	5.0	10		08/11/17 14:32	108-88-3	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		08/11/17 14:32	87-61-6	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		08/11/17 14:32	120-82-1	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	71-55-6	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		08/11/17 14:32	79-00-5	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		08/11/17 14:32	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		08/11/17 14:32	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	96-18-4	
1,2,4-Trimethylbenzene	6.3J	ug/L	10.0	5.0	10		08/11/17 14:32	95-63-6	
1,3,5-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:32	108-67-8	
Vinyl chloride	<1.8	ug/L	10.0	1.8	10		08/11/17 14:32	75-01-4	
Xylene (Total)	54.0	ug/L	30.0	15.0	10		08/11/17 14:32	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	61-130		10		08/11/17 14:32	460-00-4	
Dibromofluoromethane (S)	106	%	67-130		10		08/11/17 14:32	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		08/11/17 14:32	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

**Sample: B-32 (0-2')**      **Lab ID: 40154475008**      Collected: 08/03/17 10:30      Received: 08/04/17 10:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Benzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		08/11/17 14:55	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		08/11/17 14:55	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		08/11/17 14:55	74-83-9	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	104-51-8	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		08/11/17 14:55	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		08/11/17 14:55	98-06-6	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	108-90-7	
Chloroethane	<3.7	ug/L	10.0	3.7	10		08/11/17 14:55	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		08/11/17 14:55	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	74-87-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	95-49-8	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		08/11/17 14:55	106-43-4	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		08/11/17 14:55	96-12-8	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	124-48-1	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		08/11/17 14:55	106-93-4	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		08/11/17 14:55	74-95-3	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	95-50-1	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	541-73-1	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	106-46-7	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		08/11/17 14:55	75-71-8	
1,1-Dichloroethane	<2.4	ug/L	10.0	2.4	10		08/11/17 14:55	75-34-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		08/11/17 14:55	107-06-2	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		08/11/17 14:55	75-35-4	
cis-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		08/11/17 14:55	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		08/11/17 14:55	156-60-5	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		08/11/17 14:55	78-87-5	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	142-28-9	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		08/11/17 14:55	594-20-7	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		08/11/17 14:55	563-58-6	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	10061-01-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		08/11/17 14:55	10061-02-6	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	108-20-3	
Ethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		08/11/17 14:55	87-68-3	
Isopropylbenzene (Cumene)	<1.4	ug/L	10.0	1.4	10		08/11/17 14:55	98-82-8	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	99-87-6	
Methylene Chloride	4.3J	ug/L	10.0	2.3	10		08/11/17 14:55	75-09-2	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		08/11/17 14:55	1634-04-4	
Naphthalene	<25.0	ug/L	50.0	25.0	10		08/11/17 14:55	91-20-3	
n-Propylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	103-65-1	
Styrene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		08/11/17 14:55	630-20-6	

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### ANALYTICAL RESULTS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

**Sample: B-32 (0-2')**      **Lab ID: 40154475008**      Collected: 08/03/17 10:30      Received: 08/04/17 10:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		08/11/17 14:55	79-34-5	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	127-18-4	
Toluene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	108-88-3	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		08/11/17 14:55	87-61-6	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		08/11/17 14:55	120-82-1	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	71-55-6	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		08/11/17 14:55	79-00-5	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		08/11/17 14:55	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		08/11/17 14:55	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	96-18-4	
1,2,4-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	95-63-6	
1,3,5-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		08/11/17 14:55	108-67-8	
Vinyl chloride	<1.8	ug/L	10.0	1.8	10		08/11/17 14:55	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		08/11/17 14:55	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	61-130		10		08/11/17 14:55	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		10		08/11/17 14:55	1868-53-7	
Toluene-d8 (S)	100	%	70-130		10		08/11/17 14:55	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154475

QC Batch: 263860 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP  
Associated Lab Samples: 40154475004

METHOD BLANK: 1552865 Matrix: Water  
Associated Lab Samples: 40154475004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0043	0.013	08/08/17 17:12	

METHOD BLANK: 1552147 Matrix: Solid  
Associated Lab Samples: 40154475004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.022	0.065	08/08/17 17:38	

METHOD BLANK: 1552148 Matrix: Solid  
Associated Lab Samples: 40154475004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0043	0.013	08/08/17 17:49	

LABORATORY CONTROL SAMPLE: 1552866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	.5	0.47	95	80-120	

MATRIX SPIKE SAMPLE: 1552867

Parameter	Units	40154307017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	<0.022	2.5	2.4	95	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552868 1552869

Parameter	Units	40154352001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/L	<0.022	2.5	2.5	2.4	2.4	94	94	75-125	0	20	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154475

QC Batch: 264213 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 40154475005, 40154475006, 40154475007, 40154475008

METHOD BLANK: 1554775 Matrix: Water  
Associated Lab Samples: 40154475005, 40154475006, 40154475007, 40154475008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/11/17 10:30	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/11/17 10:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/11/17 10:30	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/11/17 10:30	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/11/17 10:30	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/11/17 10:30	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/11/17 10:30	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/11/17 10:30	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/11/17 10:30	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/11/17 10:30	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/11/17 10:30	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/11/17 10:30	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/11/17 10:30	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/11/17 10:30	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/11/17 10:30	
1,2-Dichloropropane	ug/L	<0.23	1.0	08/11/17 10:30	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/11/17 10:30	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/11/17 10:30	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/11/17 10:30	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/11/17 10:30	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/11/17 10:30	
2-Chlorotoluene	ug/L	<0.50	1.0	08/11/17 10:30	
4-Chlorotoluene	ug/L	<0.21	1.0	08/11/17 10:30	
Benzene	ug/L	<0.50	1.0	08/11/17 10:30	
Bromobenzene	ug/L	<0.23	1.0	08/11/17 10:30	
Bromochloromethane	ug/L	<0.34	1.0	08/11/17 10:30	
Bromodichloromethane	ug/L	<0.50	1.0	08/11/17 10:30	
Bromoform	ug/L	<0.50	1.0	08/11/17 10:30	
Bromomethane	ug/L	<2.4	5.0	08/11/17 10:30	
Carbon tetrachloride	ug/L	<0.50	1.0	08/11/17 10:30	
Chlorobenzene	ug/L	<0.50	1.0	08/11/17 10:30	
Chloroethane	ug/L	<0.37	1.0	08/11/17 10:30	
Chloroform	ug/L	<2.5	5.0	08/11/17 10:30	
Chloromethane	ug/L	<0.50	1.0	08/11/17 10:30	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/11/17 10:30	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/11/17 10:30	
Dibromochloromethane	ug/L	<0.50	1.0	08/11/17 10:30	
Dibromomethane	ug/L	<0.43	1.0	08/11/17 10:30	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/11/17 10:30	
Diisopropyl ether	ug/L	<0.50	1.0	08/11/17 10:30	
Ethylbenzene	ug/L	<0.50	1.0	08/11/17 10:30	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154475

METHOD BLANK: 1554775 Matrix: Water  
Associated Lab Samples: 40154475005, 40154475006, 40154475007, 40154475008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/11/17 10:30	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/11/17 10:30	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/11/17 10:30	
Methylene Chloride	ug/L	<0.23	1.0	08/11/17 10:30	
n-Butylbenzene	ug/L	<0.50	1.0	08/11/17 10:30	
n-Propylbenzene	ug/L	<0.50	1.0	08/11/17 10:30	
Naphthalene	ug/L	<2.5	5.0	08/11/17 10:30	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/11/17 10:30	
sec-Butylbenzene	ug/L	<2.2	5.0	08/11/17 10:30	
Styrene	ug/L	<0.50	1.0	08/11/17 10:30	
tert-Butylbenzene	ug/L	<0.18	1.0	08/11/17 10:30	
Tetrachloroethene	ug/L	<0.50	1.0	08/11/17 10:30	
Toluene	ug/L	<0.50	1.0	08/11/17 10:30	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/11/17 10:30	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/11/17 10:30	
Trichloroethene	ug/L	<0.33	1.0	08/11/17 10:30	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/11/17 10:30	
Vinyl chloride	ug/L	<0.18	1.0	08/11/17 10:30	
Xylene (Total)	ug/L	<1.5	3.0	08/11/17 10:30	
4-Bromofluorobenzene (S)	%	93	61-130	08/11/17 10:30	
Dibromofluoromethane (S)	%	107	67-130	08/11/17 10:30	
Toluene-d8 (S)	%	100	70-130	08/11/17 10:30	

LABORATORY CONTROL SAMPLE: 1554776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.7	117	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	70-130	
1,1,2-Trichloroethane	ug/L	50	55.2	110	70-130	
1,1-Dichloroethane	ug/L	50	54.7	109	71-132	
1,1-Dichloroethene	ug/L	50	52.9	106	75-130	
1,2,4-Trichlorobenzene	ug/L	50	46.6	93	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.8	98	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	53.3	107	70-130	
1,2-Dichlorobenzene	ug/L	50	54.6	109	70-130	
1,2-Dichloroethane	ug/L	50	55.9	112	70-131	
1,2-Dichloropropane	ug/L	50	58.9	118	80-120	
1,3-Dichlorobenzene	ug/L	50	55.3	111	70-130	
1,4-Dichlorobenzene	ug/L	50	55.6	111	70-130	
Benzene	ug/L	50	57.6	115	73-145	
Bromodichloromethane	ug/L	50	55.6	111	70-130	
Bromoform	ug/L	50	54.0	108	67-130	
Bromomethane	ug/L	50	24.3	49	26-128	
Carbon tetrachloride	ug/L	50	58.0	116	70-133	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154475

LABORATORY CONTROL SAMPLE: 1554776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	57.3	115	70-130	
Chloroethane	ug/L	50	60.0	120	58-120	
Chloroform	ug/L	50	55.9	112	80-121	
Chloromethane	ug/L	50	43.8	88	40-127	
cis-1,2-Dichloroethene	ug/L	50	51.4	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.5	107	70-130	
Dibromochloromethane	ug/L	50	54.3	109	70-130	
Dichlorodifluoromethane	ug/L	50	29.7	59	20-135	
Ethylbenzene	ug/L	50	58.0	116	87-129	
Isopropylbenzene (Cumene)	ug/L	50	59.0	118	70-130	
Methyl-tert-butyl ether	ug/L	50	54.7	109	66-143	
Methylene Chloride	ug/L	50	51.4	103	70-130	
Styrene	ug/L	50	58.8	118	70-130	
Tetrachloroethene	ug/L	50	54.2	108	70-130	
Toluene	ug/L	50	57.1	114	82-130	
trans-1,2-Dichloroethene	ug/L	50	56.6	113	75-132	
trans-1,3-Dichloropropene	ug/L	50	55.0	110	70-130	
Trichloroethene	ug/L	50	58.2	116	70-130	
Trichlorofluoromethane	ug/L	50	55.0	110	76-133	
Vinyl chloride	ug/L	50	49.9	100	57-136	
Xylene (Total)	ug/L	150	174	116	70-130	
4-Bromofluorobenzene (S)	%			98	61-130	
Dibromofluoromethane (S)	%			105	67-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1555445 1555446

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40154722002 Result	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.50	50	50	54.9	57.6	110	115	70-134	5	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	53.6	54.7	107	109	70-130	2	20		
1,1,2-Trichloroethane	ug/L	<0.20	50	50	53.4	56.1	107	112	70-130	5	20		
1,1-Dichloroethane	ug/L	<0.24	50	50	52.6	54.8	105	110	71-133	4	20		
1,1-Dichloroethene	ug/L	<0.41	50	50	50.4	51.6	101	103	75-136	2	20		
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	43.6	44.6	87	89	70-130	2	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	49.7	50.5	99	101	63-123	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	51.5	54.6	103	109	70-130	6	20		
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.3	54.3	103	109	70-130	6	20		
1,2-Dichloroethane	ug/L	<0.17	50	50	55.1	58.8	110	118	70-131	6	20		
1,2-Dichloropropane	ug/L	<0.23	50	50	55.5	61.2	111	122	80-120	10	20	M1	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.3	55.4	105	111	70-130	6	20		
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.8	57.6	108	115	70-130	7	20		
Benzene	ug/L	<0.50	50	50	55.1	57.7	110	115	73-145	5	20		
Bromodichloromethane	ug/L	<0.50	50	50	53.9	57.7	108	115	70-130	7	20		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1555445 1555446												
Parameter	Units	40154722002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
			Spike Conc.	Spike Conc.								
Bromoform	ug/L	<0.50	50	50	51.1	53.0	102	106	67-130	4	20	
Bromomethane	ug/L	<2.4	50	50	26.3	27.8	53	56	26-129	6	20	
Carbon tetrachloride	ug/L	<0.50	50	50	54.9	56.9	110	114	70-134	4	20	
Chlorobenzene	ug/L	<0.50	50	50	55.0	57.2	110	114	70-130	4	20	
Chloroethane	ug/L	<0.37	50	50	56.5	60.6	113	121	58-120	7	20	M1
Chloroform	ug/L	<2.5	50	50	53.5	55.9	107	112	80-121	4	20	
Chloromethane	ug/L	<0.50	50	50	44.6	47.1	89	94	40-128	6	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	50.8	66.3	102	133	70-130	26	20	M1,R1
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	50.9	55.6	102	111	70-130	9	20	
Dibromochloromethane	ug/L	<0.50	50	50	52.6	55.9	105	112	70-130	6	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	27.9	28.7	56	57	20-146	3	20	
Ethylbenzene	ug/L	<0.50	50	50	55.7	57.3	111	115	87-129	3	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	55.8	58.8	112	118	70-130	5	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	54.2	54.6	108	109	66-143	1	20	
Methylene Chloride	ug/L	<0.23	50	50	50.4	52.2	101	104	70-130	4	20	
Styrene	ug/L	<0.50	50	50	56.6	59.3	113	119	70-130	5	20	
Tetrachloroethene	ug/L	<0.50	50	50	52.7	54.5	105	109	70-130	3	20	
Toluene	ug/L	<0.50	50	50	54.6	57.1	109	114	82-131	4	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	54.1	55.6	108	111	75-135	3	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	52.5	54.3	105	109	70-130	3	20	
Trichloroethene	ug/L	<0.33	50	50	53.8	61.0	108	122	70-130	13	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	51.6	55.0	103	110	76-150	6	20	
Vinyl chloride	ug/L	<0.18	50	50	48.0	49.3	96	99	56-143	3	20	
Xylene (Total)	ug/L	<1.5	150	150	168	176	112	117	70-130	4	20	
4-Bromofluorobenzene (S)	%						102	102	61-130			
Dibromofluoromethane (S)	%						105	103	67-130			
Toluene-d8 (S)	%						98	101	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1555598 1555599												
Parameter	Units	40154475005 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
			Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<5.0	500	500	577	590	115	118	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<2.5	500	500	554	541	111	108	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<2.0	500	500	569	557	114	111	70-130	2	20	
1,1-Dichloroethane	ug/L	<2.4	500	500	545	561	109	112	71-133	3	20	
1,1-Dichloroethene	ug/L	<4.1	500	500	522	534	104	107	75-136	2	20	
1,2,4-Trichlorobenzene	ug/L	<22.1	500	500	474	457	95	91	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<21.6	500	500	518	495	104	99	63-123	5	20	
1,2-Dibromoethane (EDB)	ug/L	<1.8	500	500	544	534	109	107	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<5.0	500	500	555	548	111	110	70-130	1	20	
1,2-Dichloroethane	ug/L	<1.7	500	500	576	599	115	120	70-131	4	20	
1,2-Dichloropropane	ug/L	<2.3	500	500	593	569	119	114	80-120	4	20	

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1555598		1555599		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40154475005 Result	MS Spike Conc.	MSD Spike Conc.								
1,3-Dichlorobenzene	ug/L	<5.0	500	500	552	548	110	110	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<5.0	500	500	587	566	117	113	70-130	4	20	
Benzene	ug/L	<5.0	500	500	573	593	115	119	73-145	3	20	
Bromodichloromethane	ug/L	<5.0	500	500	569	542	114	108	70-130	5	20	
Bromoform	ug/L	<5.0	500	500	545	535	109	107	67-130	2	20	
Bromomethane	ug/L	<24.3	500	500	245	245	49	49	26-129	0	20	
Carbon tetrachloride	ug/L	<5.0	500	500	566	589	113	118	70-134	4	20	
Chlorobenzene	ug/L	<5.0	500	500	586	561	117	112	70-130	4	20	
Chloroethane	ug/L	<3.7	500	500	588	572	118	114	58-120	3	20	
Chloroform	ug/L	<25.0	500	500	562	576	112	115	80-121	3	20	
Chloromethane	ug/L	<5.0	500	500	445	476	89	95	40-128	7	20	
cis-1,2-Dichloroethene	ug/L	<2.6	500	500	528	562	106	112	70-130	6	20	
cis-1,3-Dichloropropene	ug/L	<5.0	500	500	553	528	111	106	70-130	5	20	
Dibromochloromethane	ug/L	<5.0	500	500	564	524	113	105	70-130	7	20	
Dichlorodifluoromethane	ug/L	<2.2	500	500	270	269	54	54	20-146	0	20	
Ethylbenzene	ug/L	<5.0	500	500	600	569	120	114	87-129	5	20	
Isopropylbenzene (Cumene)	ug/L	<1.4	500	500	603	590	121	118	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<1.7	500	500	544	561	109	112	66-143	3	20	
Methylene Chloride	ug/L	3.8J	500	500	527	535	105	106	70-130	1	20	
Styrene	ug/L	<5.0	500	500	607	587	121	117	70-130	3	20	
Tetrachloroethene	ug/L	<5.0	500	500	561	538	112	108	70-130	4	20	
Toluene	ug/L	<5.0	500	500	580	557	116	111	82-131	4	20	
trans-1,2-Dichloroethene	ug/L	<2.6	500	500	555	566	111	113	75-135	2	20	
trans-1,3-Dichloropropene	ug/L	<2.3	500	500	562	536	112	107	70-130	5	20	
Trichloroethene	ug/L	<3.3	500	500	596	562	119	112	70-130	6	20	
Trichlorofluoromethane	ug/L	<1.8	500	500	548	557	110	111	76-150	2	20	
Vinyl chloride	ug/L	<1.8	500	500	489	493	98	99	56-143	1	20	
Xylene (Total)	ug/L	<15.0	1500	1500	1820	1760	121	117	70-130	3	20	
4-Bromofluorobenzene (S)	%						100	99	61-130			
Dibromofluoromethane (S)	%						100	109	67-130			
Toluene-d8 (S)	%						99	99	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154475

QC Batch: 263757 Analysis Method: EPA 8082  
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB  
Associated Lab Samples: 40154475002, 40154475004

METHOD BLANK: 1552400 Matrix: Solid  
Associated Lab Samples: 40154475002, 40154475004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	08/08/17 01:33	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	08/08/17 01:33	
Decachlorobiphenyl (S)	%	76	53-105	08/08/17 01:33	
Tetrachloro-m-xylene (S)	%	72	50-102	08/08/17 01:33	

LABORATORY CONTROL SAMPLE: 1552401

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	369	74	59-106	
Decachlorobiphenyl (S)	%			80	53-105	
Tetrachloro-m-xylene (S)	%			76	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1552402 1552403

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40154307017 Result	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<28.9			<28.9	<28.9					20
PCB-1221 (Aroclor 1221)	ug/kg	<28.9			<28.9	<28.9					20
PCB-1232 (Aroclor 1232)	ug/kg	<28.9			<28.9	<28.9					20
PCB-1242 (Aroclor 1242)	ug/kg	<28.9			<28.9	<28.9					20
PCB-1248 (Aroclor 1248)	ug/kg	<28.9			<28.9	<28.9					20
PCB-1254 (Aroclor 1254)	ug/kg	<28.9			<28.9	<28.9					20
PCB-1260 (Aroclor 1260)	ug/kg	<28.9	578	578	418	427	72	74	51-109	2	20
Decachlorobiphenyl (S)	%						78	79	53-105		
Tetrachloro-m-xylene (S)	%						75	76	50-102		

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### QUALITY CONTROL DATA

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

QC Batch: 264282 Analysis Method: WI MOD DRO

QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS

Associated Lab Samples: 40154475002, 40154475004

METHOD BLANK: 1555398 Matrix: Solid

Associated Lab Samples: 40154475002, 40154475004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	<1.3	4.3	08/14/17 16:17	

LABORATORY CONTROL SAMPLE & LCSD: 1555399 1555400

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	39.9	36.1	40.0	90	100	70-120	10	20	

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## QUALIFIERS

Project: 1E-1704004 THE COUTURE

Pace Project No.: 40154475

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### WORKORDER QUALIFIERS

WO: 40154475

[2] Methylene chloride was also detected in the SPLP extraction blank.

### ANALYTE QUALIFIERS

D5 The sample was re-weighed into a new container because the sample weight in the original container exceeded the method specifications.

DC Chromatographic pattern inconsistent with typical Diesel Fuel.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 1E-1704004 THE COUTURE  
Pace Project No.: 40154475

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154475002	B-14A (2-4')	EPA 3541	263757	EPA 8082	263760
40154475004	B-32 (0-2')	EPA 3541	263757	EPA 8082	263760
40154475002	B-14A (2-4')	WI MOD DRO	264282	WI MOD DRO	264371
40154475004	B-32 (0-2')	WI MOD DRO	264282	WI MOD DRO	264371
40154475004	B-32 (0-2')	EPA 3010	263860	EPA 6010	263927
40154475005	B-11 (2-4')	EPA 8260	264213		
40154475006	B-14A (2-4')	EPA 8260	264213		
40154475007	B-30 (2-4')	EPA 8260	264213		
40154475008	B-32 (0-2')	EPA 8260	264213		

**REPORT OF LABORATORY ANALYSIS**

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# Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302

**Pace Analytical™**  
Client Name: Giles

Project # **WO#: 40154475**

Courier:  Fed Ex  UPS  Client  Pace Other: CS Logistics



Tracking #: \_\_\_\_\_  
Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used: NA Type of Ice: Wet Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: R01 / Corr: \_\_\_\_\_ Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

Person examining contents:  
Date: 8-4-17  
Initials: KR

		Comments:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>No MS/MSD volume</u> <u>8-4-17 KR</u>
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>003 time 1030</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>8-4-17 KR</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2, NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #/ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

**Client Notification/ Resolution:**  
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_ If checked, see attached form for additional comments   
Comments/ Resolution: \_\_\_\_\_

**Project Manager Review:** AK for DM Date: 8-4-17

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

**Section A**

**Required Client Information:**  
 Company: Giles Engineering Associates, Inc.  
 Address: N8 W22350 Johnson Drive, Suite A1  
 Waukesha, WI 53186  
 Email To: kbugel@gilesengr.com  
 Phone: 1-262-544-0118 Fax: \_\_\_\_\_  
 Requested Due Date/TAT: Standard 7 day turn

**Section B**

**Required Project Information:**  
 Report To: Kevin Bugel (kbugel@gilesengr.com)  
 Copy To: Kelly Hayden (kayden@gilesengr.com)  
 Purchase Order No.: \_\_\_\_\_  
 Project Name: The Couture, Milwaukee, WI  
 Project Number: 1E-1704004

**Section C**

**Invoice Information:**  
 Attention: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Pace Quote Reference: \_\_\_\_\_  
 Pace Project Manager: \_\_\_\_\_  
 Pace Profile #: \_\_\_\_\_

**REGULATORY AGENCY**

NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER \_\_\_\_\_

**Site Location**  
 STATE: WI

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMIP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓ Y/N	PAHs	VOCs neutral leach	Pb TCLP	PCBs/DRO	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.	
					COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME			Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other										
1	B-11 (2-4')		S	G	8/3/17	9:45			1	X																		
2	B-14A (2-4')		S	G	8/3/17	9:30			1	X																		
3	B-30 (2-4')		S	G	8/3/17	10:00			1	X																		
4	B-32 (0-2')		S	G	8/3/17	10:30			2	X																		
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Per Discussions on 8/4/2017							

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: Kevin Bugel

SIGNATURE of SAMPLER: \_\_\_\_\_

DATE Signed (MM/DD/YY): 8/3/17

Temp in °C \_\_\_\_\_

Received on Ice (Y/N) \_\_\_\_\_

Custody Sealed Cooler (Y/N) \_\_\_\_\_

Samples Intact (Y/N) \_\_\_\_\_

September 20, 2017

Kevin Bugel  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Road  
Suite A1  
Waukesha, WI 53186

RE: Project: IE-1704004 THE COUTURE  
Pace Project No.: 40156120

Dear Kevin Bugel:

Enclosed are the analytical results for sample(s) received by the laboratory on September 02, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40156120001	B-15A (2-4)	Solid	09/01/17 11:45	09/02/17 07:55
40156120002	B-34 (10-12)	Solid	09/01/17 11:55	09/02/17 07:55
40156120003	B-34A (10-12)	Solid	09/01/17 11:50	09/02/17 07:55
40156120004	B-34A (12-14)	Solid	09/01/17 12:00	09/02/17 07:55
40156120005	B-34B (10-12)	Solid	09/01/17 12:05	09/02/17 07:55
40156120006	B-34B (12-14)	Solid	09/01/17 12:10	09/02/17 07:55
40156120007	B-34C (10-12)	Solid	09/01/17 12:15	09/02/17 07:55
40156120008	B-34C (12-14)	Solid	09/01/17 12:20	09/02/17 07:55
40156120009	B-34A 8-10	Solid	09/01/17 13:00	09/02/17 07:55

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40156120001	B-15A (2-4)	EPA 6010	DLB	1	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40156120002	B-34 (10-12)	EPA 6010	DLB	1	PASI-G
		EPA 6010	DLB	1	PASI-G
40156120003	B-34A (10-12)	ASTM D2974-87	KJR	1	PASI-G
		EPA 6010	DLB	1	PASI-G
40156120004	B-34A (12-14)	ASTM D2974-87	SKW	1	PASI-G
		EPA 6010	DLB	1	PASI-G
40156120005	B-34B (10-12)	ASTM D2974-87	SKW	1	PASI-G
		EPA 6010	DLB	1	PASI-G
40156120006	B-34B (12-14)	ASTM D2974-87	SKW	1	PASI-G
		EPA 6010	DLB	1	PASI-G
40156120007	B-34C (10-12)	ASTM D2974-87	SKW	1	PASI-G
		EPA 6010	DLB	1	PASI-G
40156120008	B-34C (12-14)	EPA 6010	DLB	1	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40156120009	B-34A 8-10	EPA 6010	DLB	1	PASI-G
		ASTM D2974-87	KJR	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40156120

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40156120001</b>	<b>B-15A (2-4)</b>					
ASTM D2974-87	Percent Moisture	14.3	%	0.10	09/07/17 13:46	
<b>40156120002</b>	<b>B-34 (10-12)</b>					
EPA 6010	Arsenic	30.9	mg/kg	7.1	09/08/17 11:06	
EPA 6010	Arsenic	0.012J	mg/L	0.025	09/12/17 09:48	
ASTM D2974-87	Percent Moisture	31.8	%	0.10	09/11/17 11:40	
<b>40156120003</b>	<b>B-34A (10-12)</b>					
EPA 6010	Arsenic	26.0	mg/kg	6.1	09/08/17 11:09	
ASTM D2974-87	Percent Moisture	20.9	%	0.10	09/07/17 14:11	
<b>40156120004</b>	<b>B-34A (12-14)</b>					
EPA 6010	Arsenic	125	mg/kg	5.8	09/08/17 11:11	
ASTM D2974-87	Percent Moisture	16.2	%	0.10	09/07/17 14:46	
<b>40156120005</b>	<b>B-34B (10-12)</b>					
EPA 6010	Arsenic	7.9	mg/kg	6.0	09/08/17 11:13	
ASTM D2974-87	Percent Moisture	18.3	%	0.10	09/07/17 14:46	
<b>40156120006</b>	<b>B-34B (12-14)</b>					
EPA 6010	Arsenic	167	mg/kg	6.6	09/08/17 11:16	
ASTM D2974-87	Percent Moisture	28.2	%	0.10	09/07/17 14:46	
<b>40156120007</b>	<b>B-34C (10-12)</b>					
EPA 6010	Arsenic	200	mg/kg	5.6	09/08/17 11:23	
EPA 6010	Arsenic	0.095	mg/L	0.025	09/20/17 10:55	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	09/07/17 14:46	
<b>40156120008</b>	<b>B-34C (12-14)</b>					
EPA 6010	Arsenic	68.3	mg/kg	6.3	09/08/17 11:25	
ASTM D2974-87	Percent Moisture	23.1	%	0.10	09/11/17 11:40	
<b>40156120009</b>	<b>B-34A 8-10</b>					
ASTM D2974-87	Percent Moisture	15.5	%	0.10	09/11/17 11:40	

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

**Sample: B-15A (2-4)**      **Lab ID: 40156120001**      Collected: 09/01/17 11:45      Received: 09/02/17 07:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP, TCLP</b>	Analytical Method: EPA 6010    Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 09/07/17 15:59								
Arsenic	<b>&lt;0.042</b>	mg/L	0.12	0.042	1	09/11/17 09:46	09/12/17 11:37	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>14.3</b>	%	0.10	0.10	1		09/07/17 13:46		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

**Sample: B-34 (10-12)**      **Lab ID: 40156120002**      Collected: 09/01/17 11:55      Received: 09/02/17 07:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>30.9</b>	mg/kg	7.1	1.5	1	09/07/17 09:43	09/08/17 11:06	7440-38-2	
<b>6010 MET ICP, ASTM</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: ASTM D3987; 09/07/17 12:25								
Arsenic	<b>0.012J</b>	mg/L	0.025	0.0084	1	09/11/17 09:04	09/12/17 09:48	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>31.8</b>	%	0.10	0.10	1		09/11/17 11:40		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

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**Sample: B-34A (10-12)**      **Lab ID: 40156120003**      Collected: 09/01/17 11:50      Received: 09/02/17 07:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>26.0</b>	mg/kg	6.1	1.3	1	09/07/17 09:43	09/08/17 11:09	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>20.9</b>	%	0.10	0.10	1		09/07/17 14:11		

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

**Sample: B-34A (12-14)**      **Lab ID: 40156120004**      Collected: 09/01/17 12:00      Received: 09/02/17 07:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>125</b>	mg/kg	5.8	1.2	1	09/07/17 09:43	09/08/17 11:11	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>16.2</b>	%	0.10	0.10	1		09/07/17 14:46		

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

**Sample: B-34B (10-12)**      **Lab ID: 40156120005**      Collected: 09/01/17 12:05      Received: 09/02/17 07:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>7.9</b>	mg/kg	6.0	1.3	1	09/07/17 09:43	09/08/17 11:13	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>18.3</b>	%	0.10	0.10	1		09/07/17 14:46		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

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**Sample: B-34B (12-14)**      **Lab ID: 40156120006**      Collected: 09/01/17 12:10      Received: 09/02/17 07:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>167</b>	mg/kg	6.6	1.4	1	09/07/17 09:43	09/08/17 11:16	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>28.2</b>	%	0.10	0.10	1		09/07/17 14:46		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

**Sample: B-34C (10-12)**      **Lab ID: 40156120007**      Collected: 09/01/17 12:15      Received: 09/02/17 07:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>200</b>	mg/kg	5.6	1.2	1	09/07/17 09:43	09/08/17 11:23	7440-38-2	
<b>6010 MET ICP, ASTM</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: ASTM D3987; 09/18/17 12:01								
Arsenic	<b>0.095</b>	mg/L	0.025	0.0084	1	09/19/17 16:05	09/20/17 10:55	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>10.3</b>	%	0.10	0.10	1		09/07/17 14:46		

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### ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

**Sample: B-34C (12-14)**      **Lab ID: 40156120008**      Collected: 09/01/17 12:20      Received: 09/02/17 07:55      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	<b>68.3</b>	mg/kg	6.3	1.3	1	09/07/17 09:43	09/08/17 11:25	7440-38-2	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>23.1</b>	%	0.10	0.10	1		09/11/17 11:40		

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## ANALYTICAL RESULTS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

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**Sample: B-34A 8-10**      **Lab ID: 40156120009**    Collected: 09/01/17 13:00    Received: 09/02/17 07:55    Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	<b>15.5</b>	%	0.10	0.10	1		09/11/17 11:40		

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

QC Batch:	266898	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
Associated Lab Samples:	40156120002, 40156120003, 40156120004, 40156120005, 40156120006, 40156120007, 40156120008		

METHOD BLANK:	1568464	Matrix:	Solid
Associated Lab Samples:	40156120002, 40156120003, 40156120004, 40156120005, 40156120006, 40156120007, 40156120008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	09/08/17 10:54	

LABORATORY CONTROL SAMPLE: 1568465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.6	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1568466 1568467

Parameter	Units	40156248001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	<1.2	55.7	55.8	53.6	52.6	96	94	75-125	2	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40156120

QC Batch: 267184 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET ASTM  
Associated Lab Samples: 40156120002

METHOD BLANK: 1570106 Matrix: Water  
Associated Lab Samples: 40156120002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0084	0.025	09/12/17 09:43	

METHOD BLANK: 1568457 Matrix: Solid  
Associated Lab Samples: 40156120002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0084	0.025	09/12/17 09:57	

LABORATORY CONTROL SAMPLE: 1570107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1570108 1570109

Parameter	Units	40156120002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	0.012J	.5	.5	0.50	0.49	97	97	75-125	0	20	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

QC Batch: 268056	Analysis Method: EPA 6010
QC Batch Method: EPA 3010	Analysis Description: 6010 MET ASTM
Associated Lab Samples: 40156120007	

METHOD BLANK: 1574655 Matrix: Water  
Associated Lab Samples: 40156120007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0084	0.025	09/20/17 10:41	

METHOD BLANK: 1573465 Matrix: Solid  
Associated Lab Samples: 40156120007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0084	0.025	09/20/17 10:57	

LABORATORY CONTROL SAMPLE: 1574656

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.48	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1574657 1574658

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40156820001	Spike Conc.	Spike Conc.	Result						
Arsenic	mg/L	<0.0084	.5	.5	0.49	0.50	97	100	75-125	3	20

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40156120

QC Batch: 267195 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP  
Associated Lab Samples: 40156120001

METHOD BLANK: 1570143 Matrix: Water  
Associated Lab Samples: 40156120001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	09/12/17 10:56	

METHOD BLANK: 1568460 Matrix: Solid  
Associated Lab Samples: 40156120001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.042	0.12	09/12/17 11:35	

METHOD BLANK: 1568461 Matrix: Solid  
Associated Lab Samples: 40156120001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	09/12/17 12:07	

METHOD BLANK: 1568766 Matrix: Solid  
Associated Lab Samples: 40156120001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.042	0.12	09/12/17 11:57	

LABORATORY CONTROL SAMPLE: 1570144

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1570145 1570146

Parameter	Units	40154604003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	<0.042	2.5	2.5	2.4	2.4	97	97	75-125	0	20	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

MATRIX SPIKE SAMPLE: 1570147		40156152001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Arsenic	mg/L	1.8	2.5	4.2	97	75-125	

MATRIX SPIKE SAMPLE: 1570148		40156233001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Arsenic	mg/L	<0.042	2.5	2.4	97	75-125	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE  
Pace Project No.: 40156120

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QC Batch: 266980	Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87	Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40156120001	

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SAMPLE DUPLICATE: 1568753

Parameter	Units	40156020004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.3	22.2	0	10	

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### QUALITY CONTROL DATA

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

QC Batch: 266983

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40156120003

SAMPLE DUPLICATE: 1568777

Parameter	Units	40155904004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.6	16.8	1	10	

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## QUALIFIERS

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: IE-1704004 THE COUTURE

Pace Project No.: 40156120

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40156120002	B-34 (10-12)	EPA 3050	266898	EPA 6010	267016
40156120003	B-34A (10-12)	EPA 3050	266898	EPA 6010	267016
40156120004	B-34A (12-14)	EPA 3050	266898	EPA 6010	267016
40156120005	B-34B (10-12)	EPA 3050	266898	EPA 6010	267016
40156120006	B-34B (12-14)	EPA 3050	266898	EPA 6010	267016
40156120007	B-34C (10-12)	EPA 3050	266898	EPA 6010	267016
40156120008	B-34C (12-14)	EPA 3050	266898	EPA 6010	267016
40156120002	B-34 (10-12)	EPA 3010	267184	EPA 6010	267328
40156120007	B-34C (10-12)	EPA 3010	268056	EPA 6010	268123
40156120001	B-15A (2-4)	EPA 3010	267195	EPA 6010	267326
40156120001	B-15A (2-4)	ASTM D2974-87	266980		
40156120002	B-34 (10-12)	ASTM D2974-87	267234		
40156120003	B-34A (10-12)	ASTM D2974-87	266983		
40156120004	B-34A (12-14)	ASTM D2974-87	266984		
40156120005	B-34B (10-12)	ASTM D2974-87	266984		
40156120006	B-34B (12-14)	ASTM D2974-87	266984		
40156120007	B-34C (10-12)	ASTM D2974-87	266984		
40156120008	B-34C (12-14)	ASTM D2974-87	267234		
40156120009	B-34A 8-10	ASTM D2974-87	267234		

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Client Name: Giles Engineering

Project #:

WO#: **40156120**



40156120

Courier:  Fed Ex  UPS  Client  Pace Other: CS Logistics

Tracking #: \_\_\_\_\_  
Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_

Thermometer Used: N/A Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun

Cooler Temperature: \_\_\_\_\_ Uncorr: RoF /Corr: \_\_\_\_\_ Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

Person examining contents:  
Date: 9/2/17  
Initials: SSM

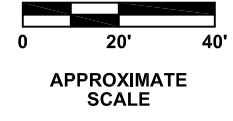
		Comments:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>No MS/MSD vol.</u>
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: \_\_\_\_\_  
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Comments/ Resolution: \_\_\_\_\_  
If checked, see attached form for additional comments

Project Manager Review: RMK for DM Date: 9/2/17

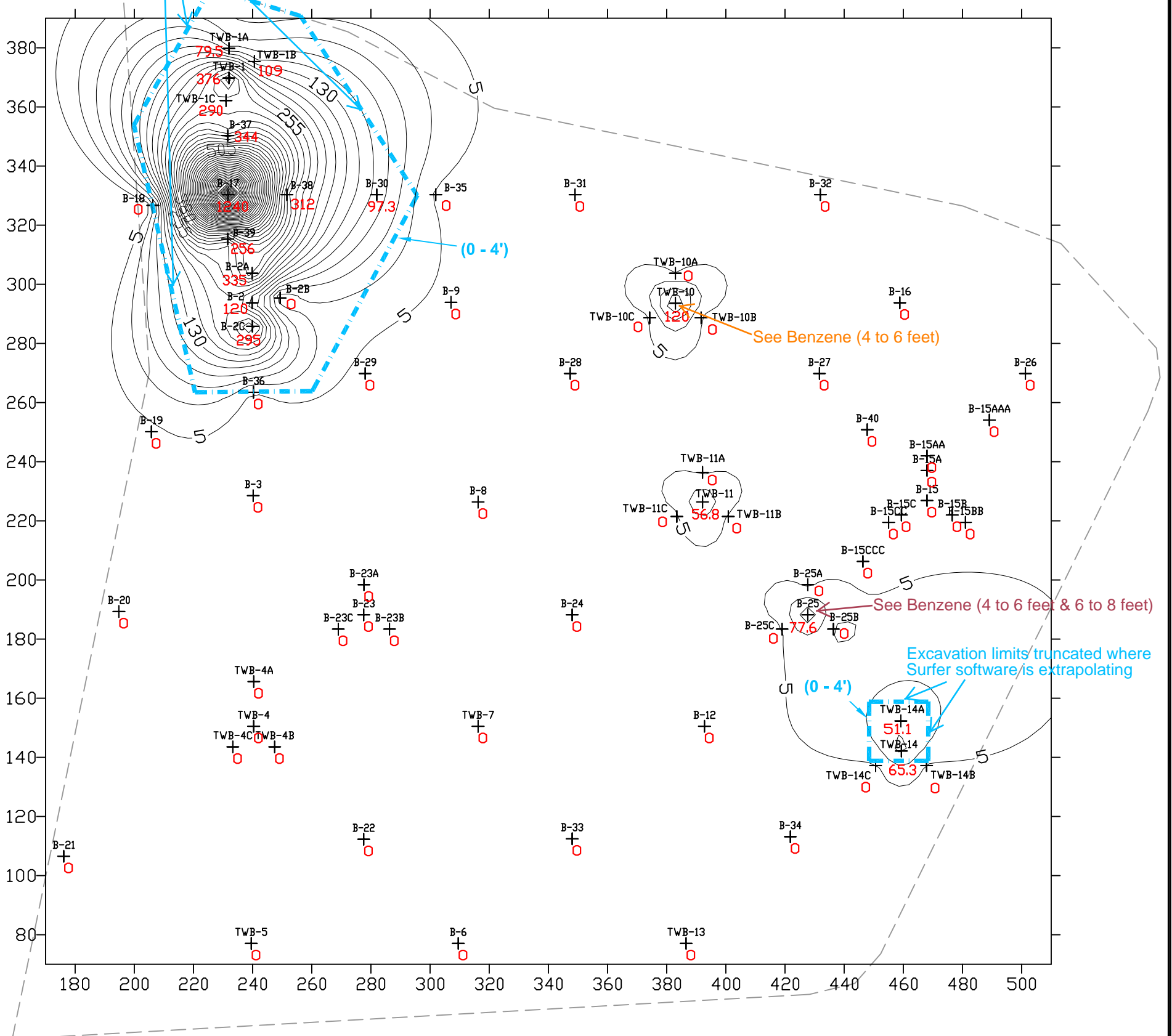
## **APPENDIX E**

### **Inferred Extent of Soil Petroleum VOC & Chlorinated VOC Impact**



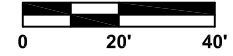
Excavation limits truncated where Surfer software is extrapolating

Benzene (0 to 4 feet)



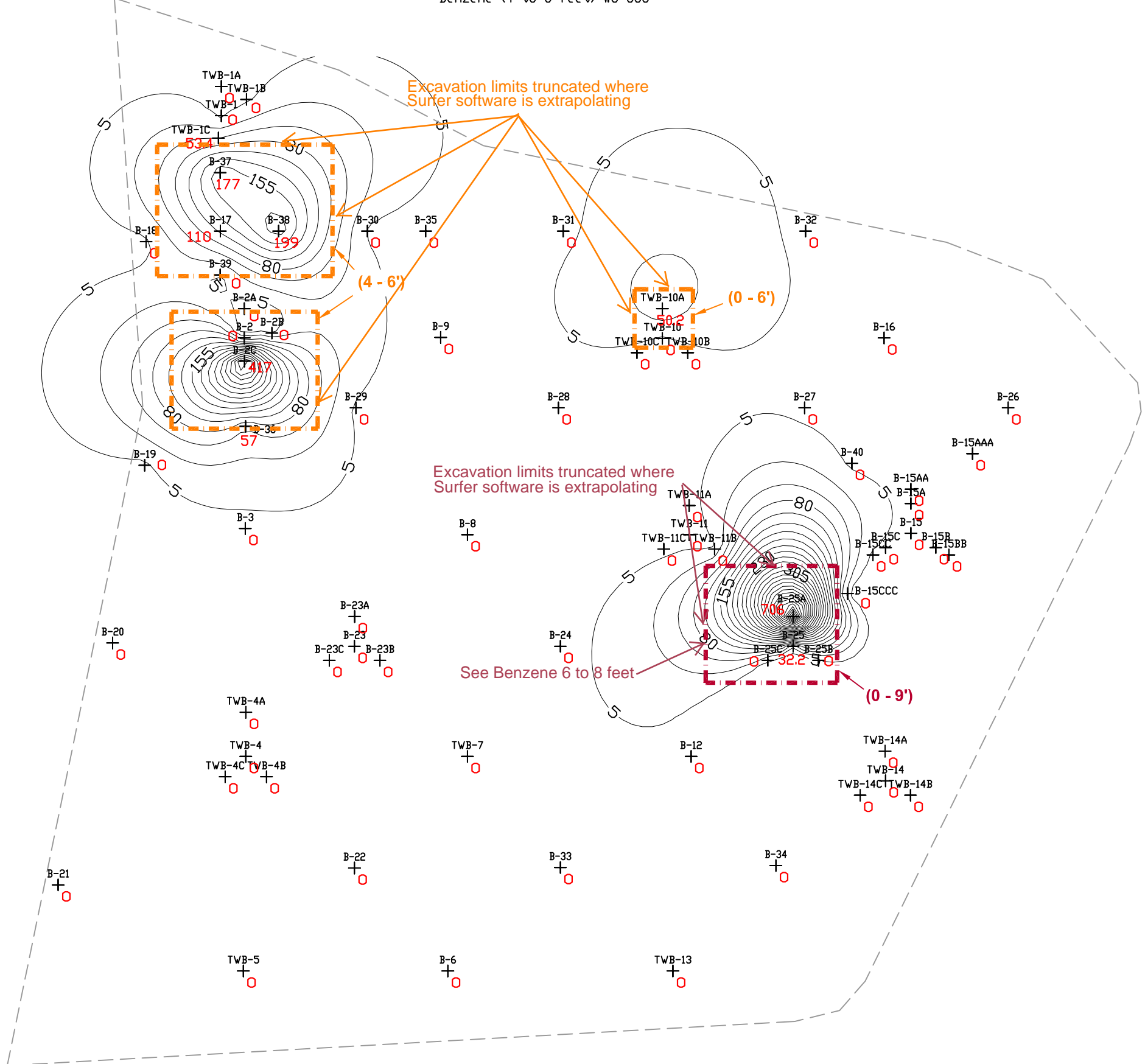
NW Large benzene-impacted soil area (8,643 sf to 4 feet) = 1,280 cy  
TWB-14 benzene-impacted soil area 400 se to 4 feet = 60 cy  
TOTAL cubic yards (0 to 4 feet) = 1,340 cy



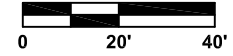


APPROXIMATE SCALE

### Benzene (4 to 6 feet) wo 35J

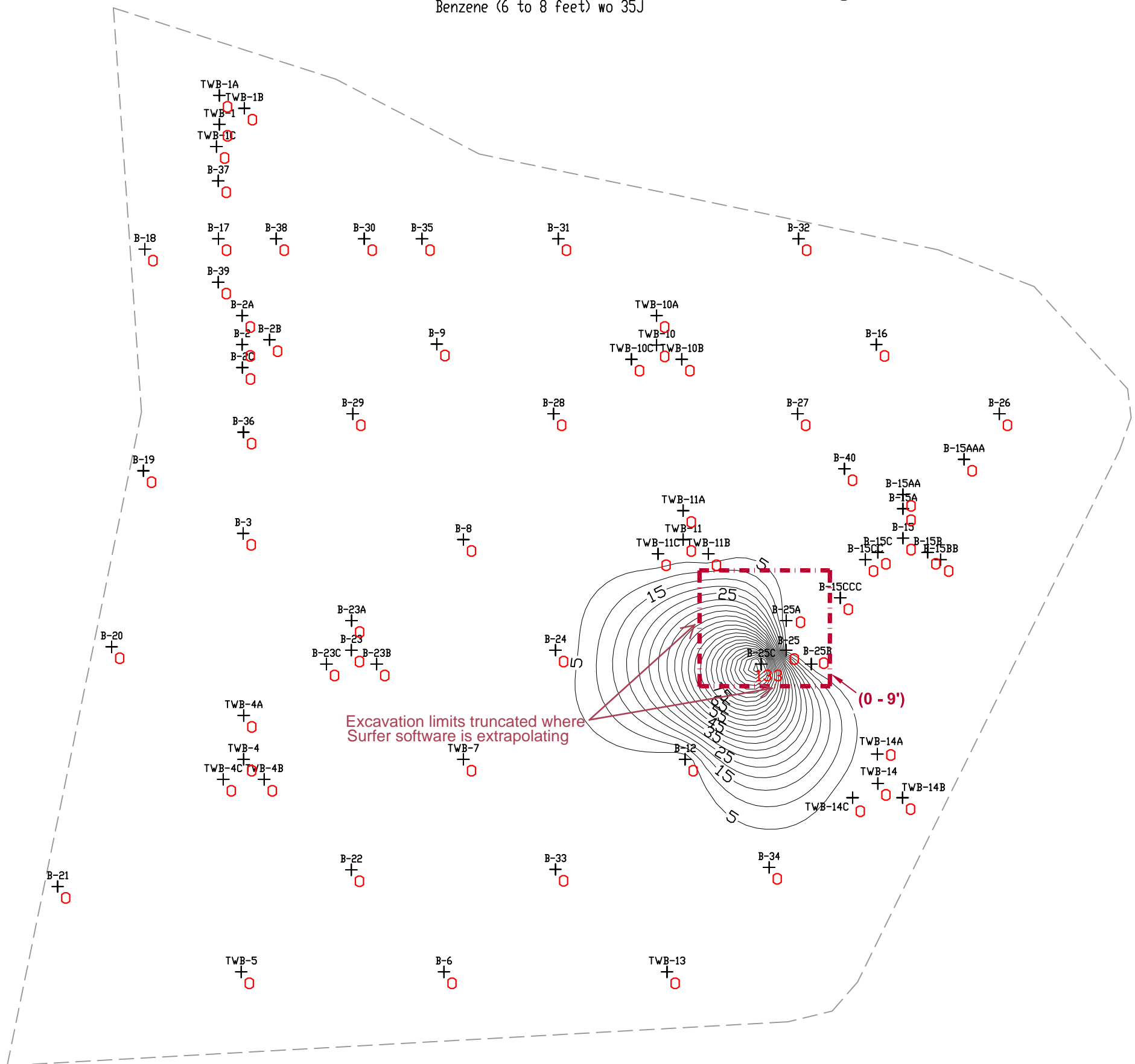


NW benzene-impacted soil area 60' X 45' (2,700 sf from 4 to 6 feet) = 200 cy  
NW benzene-impacted soil area 45' X 40' (1,800 sf from 4 to 6 feet) = 135 cy  
NC benzene-impacted soil area 20' X 20' (2,700 sf from 0 to 6 feet) = 90 cy  
TOTAL Cubic Yards (4 to 6 and 0 to 6 feet) = 425 cy

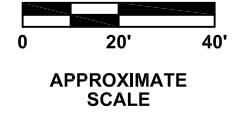


APPROXIMATE SCALE

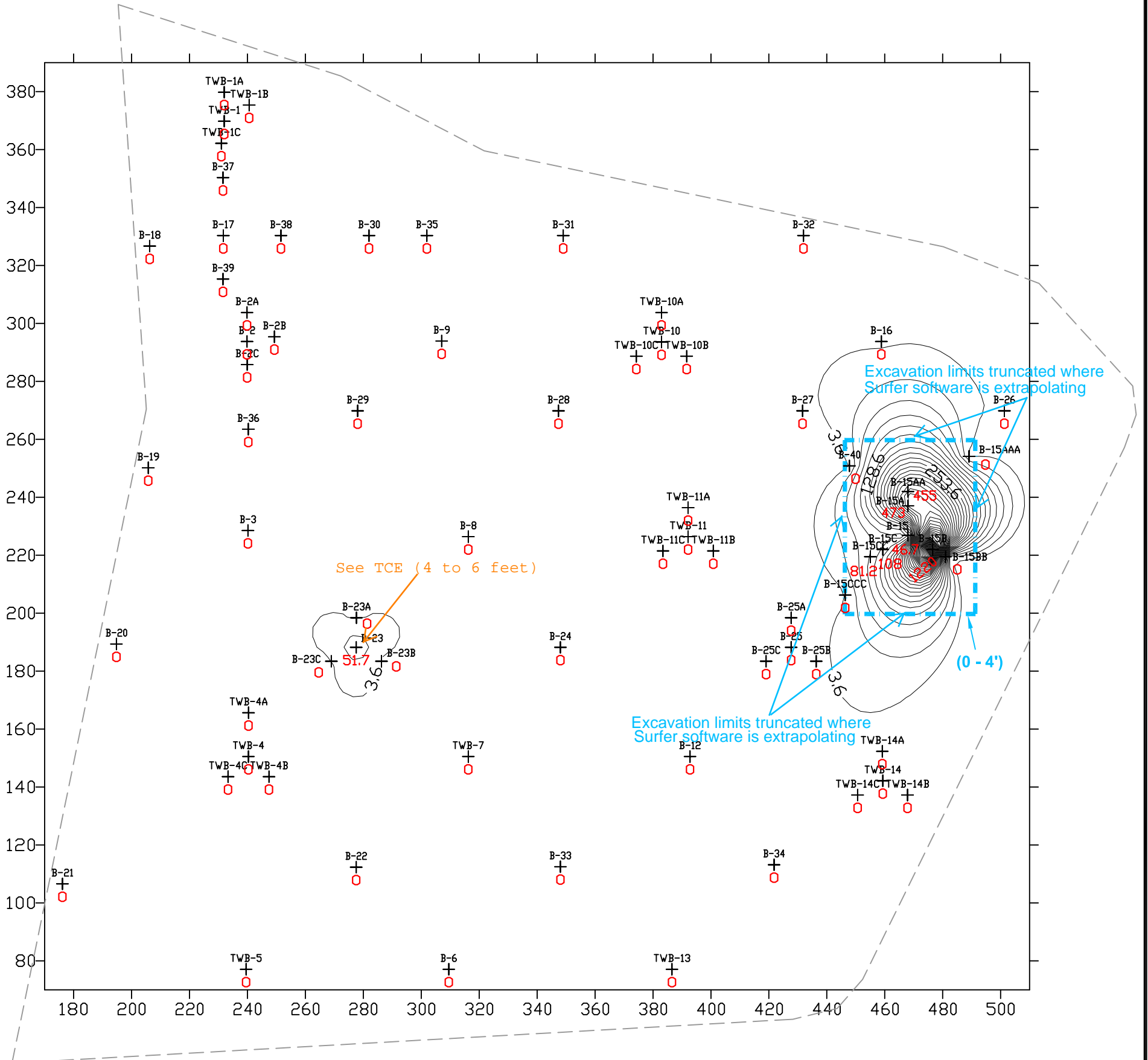
Benzene (6 to 8 feet) wo 35J



SE benzene-impacted soil area 45' X 40' (1,800 sf from 0 to 9 feet) = 600 cy  
TOTAL benzene-impacted soil (0 to 9 feet) = 600 cy

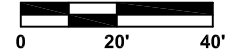


TCE w "J" Flage values (0 - 4')

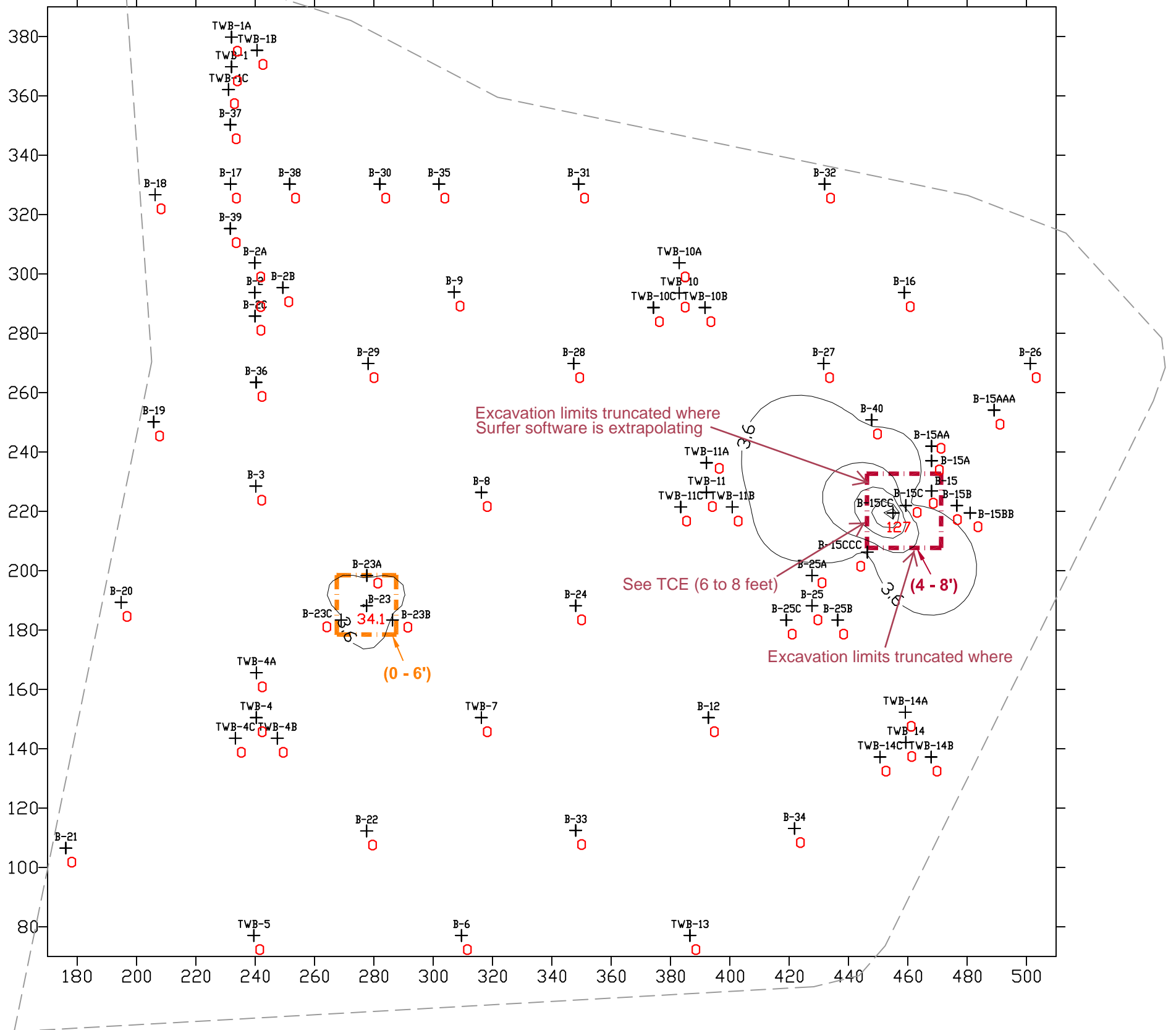


EC Large TCE-impacted soil area 45' X 60' (2,700 sf to 4 feet) = 400 cy

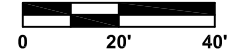
T  
RCE w "J" Flage values (4 - 6')



APPROXIMATE  
SCALE

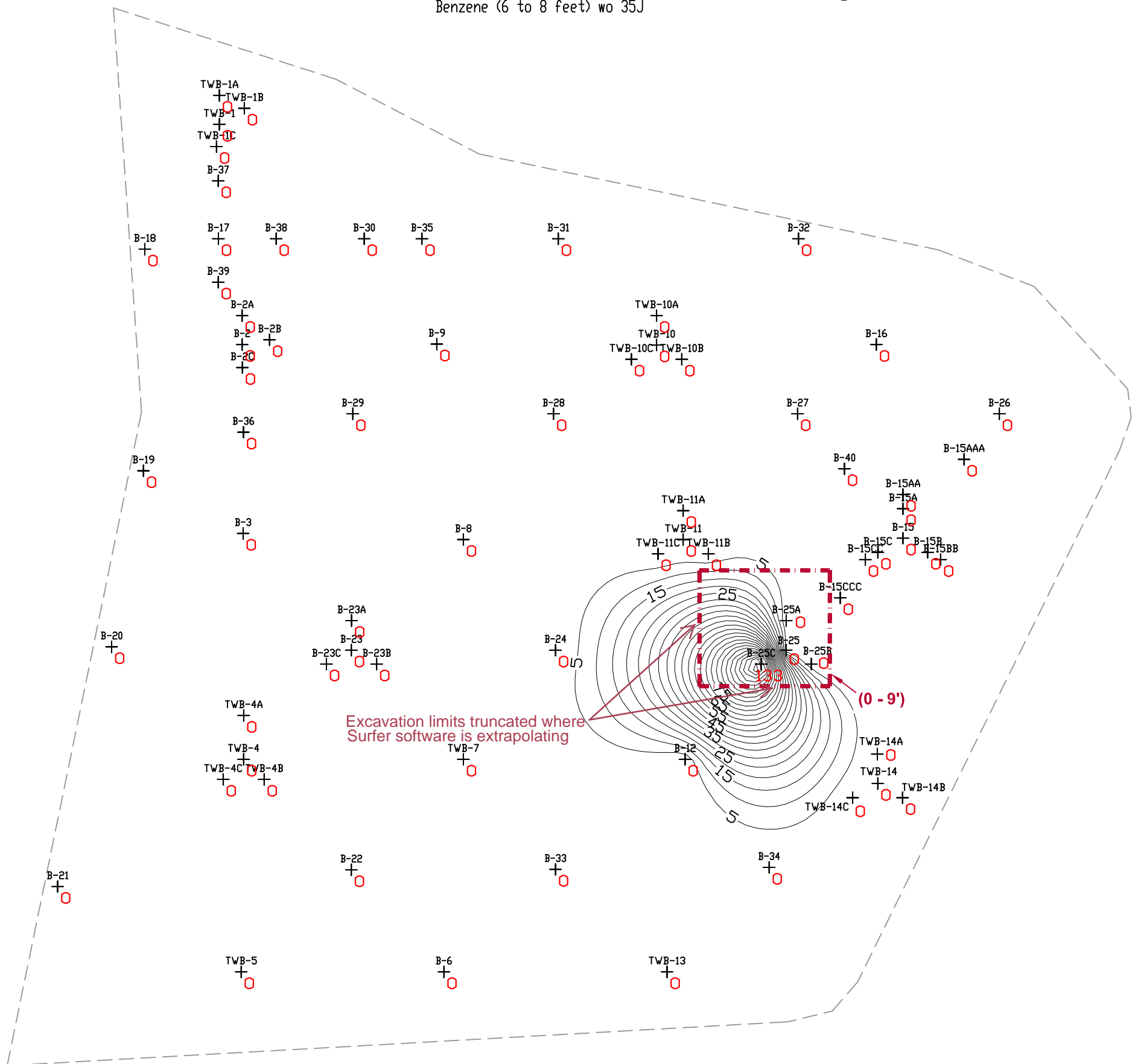


WC TCE-impacted soil area 20' X 20' (625 sf 0 to 6 feet) = 90 cy



APPROXIMATE SCALE

Benzene (6 to 8 feet) wo 35J



SE benzene-impacted soil area 45' X 40' (1,800 sf from 0 to 9 feet) = 600 cy  
TOTAL benzene-impacted soil (0 to 9 feet) = 600 cy



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